

Datasheet for ABIN7549336

## MFSD4 Protein (AA 1-514) (His tag)



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### Overview

|                               |                                              |
|-------------------------------|----------------------------------------------|
| Quantity:                     | 1 mg                                         |
| Target:                       | MFSD4                                        |
| Protein Characteristics:      | AA 1-514                                     |
| Origin:                       | Human                                        |
| Source:                       | HEK-293 Cells                                |
| Protein Type:                 | Recombinant                                  |
| Purification tag / Conjugate: | This MFSD4 protein is labelled with His tag. |

### Product Details

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
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| Purpose:  | Custom-made recombinant MFSD4A Protein expressed in mammalian cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Sequence: | <p>MGCDGRVSG LRRNLQPTLT YWSVFFSFG L CIAFLGPTLL DLRCQTHSSL PQISWVFFSQ</p> <p>QLCLLLGSAL GGVFKRTLQ SLWALFTSSL AISLVFAVIP FCRDVKVLAS VMALAGLAMG</p> <p>CIDTVANMQL VRMYQKDSAV FLQVLHFFVG FGALLSPLIA DPFLSEANCL PANSTANTTS</p> <p>RGHLFHVSRV LGQHHVDAKP WSNQTFPGLT PKDGAGTRVS YAFWIMALIN LPVPM AVLML</p> <p>LSKERLLTCC PQRRLLLSA DELALETQPP EKEDASSLPP KFQSHLGHD LFSCCQRKNL</p> <p>RGAPYSFFAI HITGALVLFM TDGLTGAYSA FVYSYAVEKP LSVGHKVAGY LPSLFWGFIT</p> <p>LGRLLSIPIS SRMKPATMVF INVVGWVTF LVLLIFS YNV VFLFVG TASL GLFLSSTFPS</p> <p>MLAYTEDSLQ YKGCATTVLV TGAGVGEMVL QMLVGSIFQA QGSYSFLVCG VIFGCLAFTF</p> <p>YILLFFHRM HPGLPSVPTQ DR SIGMENSE CYQR <b>Sequence without tag. The proposed</b></p> <p><b>Purification-Tag is based on experiences with the expression system, a different complexity</b></p> <p><b>of the protein could make another tag necessary. In case you have a special request, please</b></p> <p><b>contact us.</b></p> |

## Product Details

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|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Specificity:     | If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Characteristics: | <p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p> |
| Purity:          | > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Grade:           | custom-made                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

## Target Details

|                   |                                                                                                                        |
|-------------------|------------------------------------------------------------------------------------------------------------------------|
| Target:           | MFSD4                                                                                                                  |
| Alternative Name: | MFSD4A ( <a href="#">MFSD4 Products</a> )                                                                              |
| Background:       | Major facilitator superfamily domain-containing protein 4A (Major facilitator superfamily domain-containing protein 4) |
| Molecular Weight: | 56.3 kDa                                                                                                               |
| UniProt:          | <a href="#">Q8N468</a>                                                                                                 |

## Application Details

|                    |                                                                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though. |
| Restrictions:      | For Research Use only                                                                                                                                   |

Handling

|                  |                                                                  |
|------------------|------------------------------------------------------------------|
| Format:          | Liquid                                                           |
| Buffer:          | The buffer composition is at the discretion of the manufacturer. |
| Handling Advice: | Avoid repeated freeze-thaw cycles.                               |
| Storage:         | -80 °C                                                           |
| Storage Comment: | Store at -80°C.                                                  |
| Expiry Date:     | 12 months                                                        |