

Datasheet for ABIN7557574
SERINC4 Protein (AA 1-492) (His tag)



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Overview

| | |
|-------------------------------|--|
| Quantity: | 1 mg |
| Target: | SERINC4 |
| Protein Characteristics: | AA 1-492 |
| Origin: | Mouse |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This SERINC4 protein is labelled with His tag. |

Product Details

| | |
|--------------|---|
| Purpose: | Custom-made recombinant Serinc4 Protein expressed in mammalian cells. |
| Sequence: | MMGAKVVTGR STTQGLAQQH GGVSNNVETP FNQASCCGPV SWTSGCHSLT ESRCRLLYI LLHVGASAIC CLLLSKTVVE RVWGKAHQIQ MPSVLCALHF GSSDCPVLGSG SGAVYRVCAG TATFHLLQAV LLVRLHSPTN PRAQLHNSFW SLKLLFLLGL CVVAFPCIPDE DLFPAWHYIG ICGGFTFILL QLVLITAFQA SWNKNWQTGA AQDCSWLLGV SLATLGFYSM AGVGAVLLFH QYTHPDGCLL NKMLLSLHLC FCGLLSLLSI APCIRRKQPN SGLLQASIIS CYIMYLTFSA LSSRPETIT FQGQNHTLCL PGRNKMPEQI PDTSAVAFSA GIMYACVLFA CNEASYLAEL FGPLWIIKVY KYEFQKPSVC FCCPQTVEPE DGQRSRARS A DQETPPAAQV QSQHLSYSYS GFHFAFFLAS LYVMVTLTNW FSYEAELEK TFTKGSWATF WVKVASCWAC VLLYLGLLLA PLLAPHSESP PP Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us. |
| Specificity: | If you are looking for a specific domain and are interested in a partial protein or a different |

Product Details

isoform, please contact us regarding an individual offer.

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

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.

If you are not interested in a full length protein, please contact us for individual protein fragments.

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.

Purity:

> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade:

custom-made

Target Details

Target:

SERINC4

Alternative Name:

Serinc4 ([SERINC4 Products](#))

Background:

Serine incorporator 4,FUNCTION: Incorporates a polar amino acid serine into membranes and facilitates the synthesis of two serine-derived lipids, phosphatidylserine and sphingolipids. {ECO:0000250|UniProtKB:A6NH21}.

Molecular Weight:

53.9 kDa

UniProt:

[Q5XK03](#)

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

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|------------------|--|
| 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 |