

Datasheet for ABIN7561467

## P2RY14 Protein (AA 1-338) (His tag)



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### Overview

|                               |                                               |
|-------------------------------|-----------------------------------------------|
| Quantity:                     | 1 mg                                          |
| Target:                       | P2RY14                                        |
| Protein Characteristics:      | AA 1-338                                      |
| Origin:                       | Mouse                                         |
| Source:                       | HEK-293 Cells                                 |
| Protein Type:                 | Recombinant                                   |
| Purification tag / Conjugate: | This P2RY14 protein is labelled with His tag. |
| Application:                  | Western Blotting (WB), SDS-PAGE (SDS)         |

### Product Details

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Purpose:         | Custom-made recombinat P2ry14 Protein expressed in mammalien cells.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Sequence:        | <p>MNNSTTTDPP NQPCSWNTLI TKQIIPVLYG MVFITGLLL N GISGWIFFYV PSSKSFIIL</p> <p>KNIVVADFLM GLTFPFKVLG DSGLG PWQVN VFVCRVSAVI FYVNMVVSIV FFGLISFDRI</p> <p>YKIVKPLLTS IVQSVNYSKL LSVLVWMLML LLAVPNIILT NQGVKEVTKI QCMELKNELG</p> <p>RKWHKASNYI FVSIFWVFL LLIVFYTAIT RKIFKSHLKS RKNSTSVKRK SSRNIFSIVL</p> <p>VFVVCVFPYH IARIPYTKSQ TEGHYSCRTK ETLLYAKEFT LLLSAANVCL DPIIYFFLCQ</p> <p>PFREVLNKKL HMSLKVQNDL EVSKTKRENA IHESDTL <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> |
| Characteristics: | Key Benefits:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

## Product Details

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- 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, Western Blot |
|---------|-----------------------------------------------------|

|        |             |
|--------|-------------|
| Grade: | custom-made |
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## Target Details

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|         |        |
|---------|--------|
| Target: | P2RY14 |
|---------|--------|

|                   |                                            |
|-------------------|--------------------------------------------|
| Alternative Name: | P2ry14 ( <a href="#">P2RY14 Products</a> ) |
|-------------------|--------------------------------------------|

|             |                                                                                                                                                              |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | P2Y purinoceptor 14 (P2Y14) (G-protein coupled receptor 105) (UDP-glucose receptor),FUNCTION: Receptor for UDP-glucose coupled to G-proteins. {ECO:0000250}. |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                   |          |
|-------------------|----------|
| Molecular Weight: | 38.9 kDa |
|-------------------|----------|

|          |                        |
|----------|------------------------|
| UniProt: | <a href="#">Q9ESG6</a> |
|----------|------------------------|

## Application Details

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| Application Notes: | In addition to the applications listed above we expect the protein to work for functional studies as well. 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                                                        |