

## Datasheet for ABIN7551095

### PTAFR Protein (AA 1-342) (His tag)



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#### Overview

|                               |  |
|-------------------------------|--|
| Quantity:                     | 1 mg   |
| Target:                       | PTAFR  |
| Protein Characteristics:      | AA 1-342                                     |
| Origin:                       | Human  |
| Source:                       | HEK-293 Cells                                |
| Protein Type:                 | Recombinant                                  |
| Purification tag / Conjugate: | This PTAFR protein is labelled with His tag. |
| Application:                  | SDS-PAGE (SDS), Western Blotting (WB)        |

#### Product Details

|                  |  |
|------------------|--|
| Purpose:         | Custom-made recombinat PTAFR Protein expressed in mammalian cells.   |
| Sequence:        | <p>MEPHDSSHMD SEFRYTLFPI VYSIIFVLGV IANGYVLWVF ARLYPCKKFN EIKIFMVNLT<br/> MADMLFLITL PLWIVYYQNQ GNWILPKFLC NVAGCLFFIN TYCSVAFLGV ITYNRFQAVT<br/> RPIKTAQANT RKRGISLSLV IWVAIVGAAS YFLILDSTNT VPDSAGSGNV TRCFEHYEKG<br/> SVPVLIHIF IVFSFFLVFL IILFCNLVII RTLLMQPVQQ QRNAEVKRRR LWMVCTVLAV FIICFVPHHV<br/> VQLPWTLAEL GFQDSKFHQA INDAHQVTLC LLSTNCVLDP VIYCFLTCKK RKHLTEKFYS<br/> MRSSRKCSRA TTDVTVEVVV PFNQIPGNSL KN</p> <p><b>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.</b></p> |
| Characteristics: | Key Benefits:  |

## Product Details

- 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

## Target Details

Target: PTAFR

Alternative Name: PTAFR ([PTAFR Products](#))

Background: Platelet-activating factor receptor (PAF-R) (PAFr),FUNCTION: Receptor for platelet activating factor, a chemotactic phospholipid mediator that possesses potent inflammatory, smooth-muscle contractile and hypotensive activity. Seems to mediate its action via a G protein that activates a phosphatidylinositol-calcium second messenger system.  
{ECO:0000269|PubMed:1281995, ECO:0000269|PubMed:1374385, ECO:0000269|PubMed:1656963, ECO:0000269|PubMed:1657923}.

Molecular Weight: 39.2 kDa

UniProt: [P25105](#)

Pathways: [Activation of Innate immune Response](#), [Cellular Response to Molecule of Bacterial Origin](#)

## Application Details

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

Application Details

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