

Datasheet for ABIN7549859
TACR1 Protein (AA 1-407) (His tag)



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Overview

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| Quantity: | 1 mg |
| Target: | TACR1 |
| Protein Characteristics: | AA 1-407 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This TACR1 protein is labelled with His tag. |
| Application: | Western Blotting (WB), SDS-PAGE (SDS) |

Product Details

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| Purpose: | Custom-made recombinat TACR1 Protein expressed in mammalian cells. |
| Sequence: | <p>MDNVLPVDS LSPNISTNTS EPNQFVQPAW QIVLWAAAYT VIVVTSVVG N VVVMWII LAH KRMRTVTNYF LVNLAFAEAS MAAFNTVVNF TYAVHNEWYY GLFYCKFHN FPIAAVFASI YSMTAVAFDR YMAIIHPLQP RLSATATKVV ICVIWVLALL LAFPQGYST TETMPSRVVC MIEWPEHPNK IYEKVYHICV TVLIYFLPLL VIGYAYTVVG ITLWASEIPG DSSDRYHEQV SAKRKVVKMM IVVVCTFAIC WLPFHIFLL PYINPDLYLK KFIQQVYLAI MWLAMSSTMY NPIIYCC LND RFRLGFKHAF RCCPFISAGD YEGLEMKSTR YLQTQGSVYK VSRLETTIST VVGAEHEEPE DGPKATPSSL DLTSNCSSRS DSKTMTESFS FSSNVLS Sequence without tag.</p> <p>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.</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.

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| Purity: | > 90 % as determined by Bis-Tris Page, Western Blot |
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| Grade: | custom-made |
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Target Details

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| Target: | TACR1 |
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| Alternative Name: | TACR1 (TACR1 Products) |
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| Background: | Substance-P receptor (SPR) (NK-1 receptor) (NK-1R) (Tachykinin receptor 1),FUNCTION: This is a receptor for the tachykinin neuropeptide substance P. It is probably associated with G proteins that activate a phosphatidylinositol-calcium second messenger system. The rank order of affinity of this receptor to tachykinins is: substance P > substance K > neuromedin-K. |
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| Molecular Weight: | 46.3 kDa |
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| UniProt: | P25103 |
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| Pathways: | Regulation of Systemic Arterial Blood Pressure by Hormones, Feeding Behaviour, Smooth Muscle Cell Migration |
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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. |
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Application Details

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