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Datasheet for ABIN7563090
TACR2 Protein (AA 1-384) (His tag)

Overview

Quantity:	1 mg
Target:	TACR2
Protein Characteristics:	AA 1-384
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TACR2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Tacr2 Protein expressed in mammalian cells.
Sequence:	MGAHASVTDT NILSGLESNA TGVTAFSMPG WQLALWATAY LALVLVAVTG NATVIWILA HERMRTVTNY FIINLALADL CMAAFNATFN FIYASHNIWY FGSTFCYFQN LFPVTAMFVS IYSMTAIAAD RYMAIVHPFQ PRLSAPSTKA VIAVIWLVAL ALASPQCFYS TITVDQGATK CVVAWPNDNG GKMLLLYHLV VFVLIYFLPL VVMFAAYSVI GLTLWKRAVP RHQAHGANLR HLQAKKKFVK AMVLVVVTF A ICWLPYHLYF ILGTFQEDIY YRKFIQQVYL ALFWLAMSST MYNPIIYCCL NHRFRSGFRL AFRCCPWGTP TEEDRLELTH TPSISRRVNR CHTKETLFMT GDMTHSEATN GQVGGPQDGE PAGP 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 isoform, please contact us regarding an individual offer.
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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	TACR2
Alternative Name:	Tacr2 (TACR2 Products)
Background:	Substance-K receptor (SKR) (NK-2 receptor) (NK-2R) (Neurokinin A receptor) (Tachykinin receptor 2),FUNCTION: This is a receptor for the tachykinin neuropeptide substance K (neurokinin A). It is associated with G proteins that activate a phosphatidylinositol-calcium second messenger system. The rank order of affinity of this receptor to tachykinins is: substance K > neuromedin-K > substance P.
Molecular Weight:	43.1 kDa
UniProt:	P30549
Pathways:	Hormone Transport, Negative Regulation of Hormone Secretion

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