

Datasheet for ABIN7565205
TRPV2 Protein (AA 1-756) (His tag)



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Overview

Quantity:	1 mg
Target:	TRPV2
Protein Characteristics:	AA 1-756
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRPV2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Trpv2 Protein expressed in mammalian cells.
Sequence:	<p>MTSASNPPAF RLETS DGDEE GSAEVNKGKN EPPPMESPFQ GEDRNFSPQI KVNLNRYR KGL GPSQQDPNRF DRDRLFSVVS RGVPEELTGL LEYLRRRTSKY LTDSAYTEGS TGKTCLMKAV LNLQDGVNAC ILPLLQIDRD SGNPQPLVNA QCTDEFYRGH SALHIAIEKR SLWCVKLLVE NGANVHIRAC GRFFQKHQGT CFYFGELPLS LAACKQWDV VTYLLENPHQ PASLEATDSL GNTVLHALVM IADNSPENSA LVIHMYDSSL QMGARLCPTV QLEDICNHQG LTPLKLAAKE GKIEIFRHIL QREFSGLYQP LSRKFTEWCY GPVVRVSLYDL SSVDSWEKNS VLEIIAFHCK SPHRHRMVVL EPLNKLLQEK WDRLIPRFFF NFACYLVYMI IFTIVAYHQP SLEQPAIPSS KATFGDSMLL LGHILILLGG IYLLGQLWY FWRRRRFIWI SFMDSYFEIL FLVQALLTVL SQVLRVETE WYLLVSSL VLGWLNLLYY TRGFQHTGIY SVMIQKILR DLLRFLLVYL VFLFGFAVAL VLSREARSP KAPEDSNTTV TEKPTLGQEE EPVPYGGILD ASLELFKFTI GMGELAFQEQ LRFRGVLLLL LLAYVLLTYV LLLNMLIALM SETVNSVATD SWSIWKLQKA ISVLEMENGY WWCRRKRHRA GRLLKVGTKG DGIPDERWCF RVEEVNWAAW EKTLP TLED</p>

Product Details

PSGAGITGYK KNPTSKPGKN SASEEDHLPL QVLQSH **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:**

- 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: TRPV2

Alternative Name: Trpv2 ([TRPV2 Products](#))

Background: Transient receptor potential cation channel subfamily V member 2 (TrpV2) (Growth factor-regulated calcium channel) (GRC) (Osm-9-like TRP channel 2) (OTRPC2),FUNCTION: Calcium-permeable, non-selective cation channel with an outward rectification. Seems to be regulated, at least in part, by IGF-I, PDGF and neuropeptide head activator. May transduce physical stimuli in mast cells. Activated by temperatures higher than 52 degrees Celsius, is not activated by vanilloids and acidic pH. {ECO:0000269|PubMed:10559903, ECO:0000269|PubMed:11707512}.

Target Details

Molecular Weight:	86.0 kDa
UniProt:	Q9WTR1
Pathways:	Regulation of Cell Size

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