

Datasheet for ABIN7550265

Otopetrin 2 Protein (OTOP2) (AA 1-562) (His tag)



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Overview

Quantity:	1 mg
Target:	Otopetrin 2 (OTOP2)
Protein Characteristics:	AA 1-562
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Otopetrin 2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant OTOP2 Protein expressed in mammalian cells.
Sequence:	MSEELAQGPK ESPPAPRAGP REVWKKGGRL LSVLLAVNV L LACTLISGG AFNKVAVYDT DV FALLTAMM LLATLWILFY LLRTVRCPCA VPYRDAHAGP IWL RGGLVLF GICTLIMDV F KTGYYSFFE CQSAIKILHP LIQAVFVIIQ TYFLWWSAKD CVHVHLDLTW CGLMFTLT TN LAIWMAAVVD ESVHQSHSYS SSHSNASHAR LISDQHADNP VGGDSCLCST AVCQIFQQGY FYLYPFNIEY SLFASTMLYV MWKNVGRFLA STPGHSHTPT PVSLFRETFF AGPVLGLLLF VVG LAVFIY EVQVSGDGSR TRQALVIYYS FNIVCLGLTT LVSLSGSIY RFDRRAMDHH KNPTRTLDVA LLMGAALGQY AISYYSIVAV VAGTPQDLLA GLNLTHALLM IAQHTFQNMF IIESLHRGPP GAEPHSTHPK EPCQDLTFTN LDALHTLSAC PPNPGLVSPS PSDQREAVAI VSTPRSQRWR QCLKDISLFL LLCNVILWIM PAFGARPHFS NTVEVD FYGY SLWAVIVNIC LPFGIFYRMH AVSSLLEVYV LS 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.

Product Details

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:	Otopetrin 2 (OTOP2)
Alternative Name:	OTOP2 (OTOP2 Products)
Background:	Proton channel OTOP2 (Otopetrin-2),FUNCTION: Proton-selective ion channel open at neutral pH . Actives at neutral and alkaline extracellular pH , likely participates in some alkali-related physiological activities. {ECO:0000250 UniProtKB:Q80SX5}.
Molecular Weight:	62.2 kDa
UniProt:	Q7RTS6

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