

Datasheet for ABIN7558330
OTOP3 Protein (AA 1-577) (His tag)



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Overview

Quantity:	1 mg
Target:	OTOP3
Protein Characteristics:	AA 1-577
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This OTOP3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Otop3 Protein expressed in mammalian cells.
Sequence:	<p>MASQTSAPAE PAPMPSPEAK TTEGASSYDQ ADMETKHAGS PCPPKQKSWL ARHFSLLLRR DRQAQKAGQL FSGLLALNVV FLGGAFICSM IFNKVSVTLG DVWILLAALK VLSLLWLLYY TVGTTRKPHA VLYRDPHAGP IWVRGSLVLF GSCTVCLNIF RMGYDVSHIH CKSEVELIFP AIEIVFMIIQ TWVLWRHCKD CVQVQTNFTR CGLMLTLATN LLMWVLAVTN DSMHREIEAE LDALMEKFSG NGTNTCMCLN TTVCEVFRKG YLMLYPFSTE YCLICCAVLF VMWKNVSRSL AAHTGAHPNR SPFRLHGTIF GPLLGLLALV AGVCVFVLFQ IEASGPDIAI QYFTLYYAFY VAVLPTMSLA CLAGTAIHGL EERELDTLKN PTRSLDVLL MGAALGQMGI AYFSIVAIVA TQPELLNQL ILAYSLILLIL QHITQNLFI EGLHRRPLWE PAVSGVMEKQ DVELPRRGSL RELGQDLRRA SRAYIHSFSH LNWKRRLKE ISFLILCNI TLWMMPAFGI HPEFENGLEK DFYGYRTWFT IVNFGPLPLGV FYRMHSGVGL VEVYLG</p> <p>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</p>

Product Details

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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	OTOP3
Alternative Name:	Otop3 (OTOP3 Products)
Background:	Proton channel OTOP3 (Otopetrin-3),FUNCTION: Proton-selective channel gated by extracellular protons. {ECO:0000269 PubMed:29371428, ECO:0000269 PubMed:37023615, ECO:0000269 PubMed:37053086}.
Molecular Weight:	64.7 kDa
UniProt:	Q80UF9

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for
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Application Details

	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