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Datasheet for ABIN7562292
EXOC7 Protein (AA 1-697) (His tag)

Overview

Quantity:	1 mg
Target:	EXOC7
Protein Characteristics:	AA 1-697
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EXOC7 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Exoc7 Protein expressed in mammalien cells.
Sequence:	MIPPQEASAR RREIEDKCLKQ EEETLSFIRD SLEKSDQLTR NMVSILSSFE SRLMKLENSI IPVHKQTENL QRLQENVEKT LSCLDHVISY YHVASDTEKI IREGPTGRLE EYLGSMIAIQ KAVEYFQDNS PDSPELNKVK LLFERGKESL ESEFRSLMTR HSKVVSPVLL LDLISADDEL EVQEDVVLEH LPESVLRDVV RISRWLVEYG RNQDFMNVYY QIRSSQLDRS IKGLKEHFRK SSSSSGVPYS PAIPNKRKDT PTKKPIKRPG TIRKAQNLLK QYSQHGLDGK KGGSNLIPLE GRDDMLDVET DAYIHCVSAF VKLAQSEYRL LMEIPEHHQ KKTDFSLIQD ALDGLMLEGE NIVSAARKAI IRHDFSTVLT VFPILRHLKQ TKPEFDQVLQ GTAASTKNKL PGLITSMETI GAKALEDFAD NIKNDPDKEY NMPKDGTVHE LTSNAILFLQ QLLDFQETAG AMLASQVLGD TYNIPLDPRE TSSSATSYSS EFSKRLSTY ICKVLGNLQL NLLSKSKVYE DPALSAIFLH NNYNYILKSL EKSELIQLVA VTQKTAERSY REHIEQQIQT YQRSWLKVTD YIAEKNLPVF QPGVKLRDKE RQMIKERFKG FNDGLEELCK IQKVWAIPDT EQRDKIRQAQ KDIVKETYGA

Product Details

FLHRYGSPVF TKNPEKYIKY RVEQVGDMD RLFDTSA **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.**

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, Western Blot

Grade:

custom-made

Target Details

Target:

EXOC7

Alternative Name:

Exoc7 ([EXOC7 Products](#))

Background:

Exocyst complex component 7 (Exocyst complex component Exo70),FUNCTION: Component of the exocyst complex involved in the docking of exocytic vesicles with fusion sites on the plasma membrane. In adipocytes, plays a crucial role in targeting SLC2A4 vesicle to the plasma membrane in response to insulin, perhaps directing the vesicle to the precise site of fusion. It is required for neuron survival and plays an essential role in cortical development (By similarity). {ECO:0000250|UniProtKB:E7FC72, ECO:0000269|PubMed:12687004}.

Molecular Weight:

80.0 kDa

UniProt:

[O35250](#)

Target Details

Pathways: [Peptide Hormone Metabolism](#), [ER-Nucleus Signaling](#), [Synaptic Vesicle Exocytosis](#)

Application Details

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.

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