

Datasheet for ABIN7564984

EXOC2 Protein (AA 1-924) (His tag)



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Overview

Quantity:	1 mg
Target:	EXOC2
Protein Characteristics:	AA 1-924
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EXOC2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Exoc2 Protein expressed in mammalian cells.
Sequence:	<p>MSRSRQPPLV TGISPNEGIP WTKVTIRGEN LGTGPTDLIG LTICGHNCLL TAEWMSASKI</p> <p>VCRVGQAKND KGDIIVTTKS GGKGTSTVSF KLLKPEKIGI LDQSAVWVDE MNYYDMRTDR</p> <p>NKGIPPLSLR PANPLGIEIE KCKLPQKNLE VLFHGMSADF TSENFSAAWY LIENHSTTSF</p> <p>EQLKMAVTNL KRQANKKSEG SLAYVKGGLS TFFEAQDALS AIHQKLEADG TEKVEGSMTQ</p> <p>KLENVLNRAS NTADTLFQEV LGRKDKADST RNALNVLQRF KFLFNLPLNI KRNIQKGDYD</p> <p>VVINDYEKAK SLFGKTEVQV FKKYYAEVEA GIEDLRELL KKLLETPSTL HDQKRYIRYL</p> <p>SDLHAPGDPA WQCIGAQHKW TLKLMQDCKE GHMKS LKGHP GPHSPMLDLD NDVRPSVLGH</p> <p>LSQTASLKRQ SSFQSGRDDT WRYKTPHRVA FVEKLTKLVL SQLPNFWKLW ISYVNGSLFS</p> <p>ETAEKSGQSE RSKNVRQRQN DFKKMIQEV HSLVKLIRGA LLPLSLREGD GRQYGGWEVQ</p> <p>AELSGQWLAH VIQTIRLTYE SLTALEIPND MLQIIQDLIL DLRIRCIMVT LQHTAEEIKR</p> <p>LAEKEDWVVD NEGLTSLPCQ FEQSIVHSLQ SLKGVVDCKP GEASVFQQPK TQEEVCQLCI</p> <p>NIMQVFIYCL EQLSTKPDAD IDTTHLSVDV SSPDLFGSIH EDFSLTSEQR LLIVLSNCCY</p>

Product Details

LERHTFLNIA EHFEKHNFG IEKITQVSMA SLKELDQRLF ENYIELKADP IVGSLEPGIY
AGYFDWKDCL PPAGVRNYLK EALVNIIAVH AEVFTISKEL VPRVLARVVE AVSEELSRML
QCVSSFSRNG ALQARLEICA LRDTVAIYLT SESRSSFKQA LEALPQLASG ADKKSLEELL
NKFKSSMHLQ LTCFQAASPA VMKT **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: EXOC2

Alternative Name: Exoc2 ([EXOC2 Products](#))

Background: Exocyst complex component 2 (Exocyst complex component Sec5),FUNCTION: Component of the exocyst complex involved in the docking of exocytic vesicles with fusion sites on the plasma membrane. {ECO:0000250|UniProtKB:Q96KP1}.

Molecular Weight: 104.0 kDa

Target Details

UniProt:	Q9D4H1
Pathways:	Peptide Hormone Metabolism , Regulation of Actin Filament Polymerization , Synaptic Vesicle Exocytosis

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