

Datasheet for ABIN7553838

EXOC7 Protein (AA 1-735) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	EXOC7
Protein Characteristics:	AA 1-735
Origin:	Human
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 mammalian cells.
Sequence:	<p>MIPPQEASAR RREIEDKLKQ EEETLSFIRD SLEKSDQLTK NMVSILSSFE SRLMKLENSI</p> <p>IPVHKQTENL QRLQENVEKT LSCLDHVISY YHVASDTEKI IREGPTGRLE EYLGSMIAIQ</p> <p>KAVEYFQDNS PDSPENLKVK LLFERGKEAL ESEFRSLMTR HSKVVSPVLI LDLISGDDDL</p> <p>EAQEDVTLEH LPESVLQDVI RISRWLVEYG RNQDFMNVYY QIRSSQLDRS IKGLKEHFHK</p> <p>SSSSSGVPYS PAIPNKRKDT PTKKPVKRPQ TIRKAQNLLK QYSQHGLDGK KGGSNLIPLE</p> <p>GLLPCTPRGG LPGPWNAAC VCAADISPGH EHDFRVKHLS EALNDKHGPL AGRDDMLDVE</p> <p>TDAYIHCVSA FVKLAQSEYQ LLADIPEHH QKKTFDLSLIQ DALDGLMLEG ENIVSAARKA</p> <p>IVRHDFSTVL TVFPILRHLK QTKPEFDQVL QGTAASKNK LPLGITSMET IGAKALEDFA</p> <p>DNKNDPDKE YNMPKDGTVH ELTSNAILFL QQLLDFQETA GAMLASQETS SSATSYSSEF</p> <p>SKRLLSTYIC KVLGNLQLNL LSKSKVYEDP ALSAIFLHNN YNYILKSLEK SELIQLVAVT</p> <p>QKTAERSYRE HIEQQIQTYQ RSWLKVTDYI AEKNLPVFQP GVKLRDKERQ IIKERFKGFN</p>

Product Details

DGLEELCKIQ KAWAIPDTEQ RDRIRQAQKT IVKETYGAFL QKFGSVPFTK NPEKYIKYGV
EQVGDMIDRL FDTSA **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:	<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, 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 (By similarity). It is required for neuron survival and plays an essential role in cortical development (By similarity). {ECO:0000250, ECO:0000250 UniProtKB:E7FC72}.
Molecular Weight:	83.4 kDa
UniProt:	Q9UPT5

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