Datasheet for ABIN7560472

Selenoprotein S Protein (SELS) (AA 1-190) (His tag)

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Overview

Quantity:	1 mg
Target:	Selenoprotein S (SELS)
Protein Characteristics:	AA 1-190
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Selenoprotein S protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Selenos Protein expressed in mammalien cells.
Sequence:	MDRDEEPLSA RPALETESLR FLHVTVGSLL ASYGWYILFS CILLYIVIQR LSLRLRALRQ RQLDQAETVL EPDVVVKRQE ALAAARLRMQ EDLNAQVEKH KEKLRQLEEE KRRQKIEMWD SMQEGRSYKR NSGRPQEEDG PGPSTSSVIP KGKSDKKPLR GGGYNPLTGE GGGTCSWRPG RRGPSSGGUN **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 mammalien cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.

Product Details

	• 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:	Selenoprotein S (SELS)
Alternative Name:	Selenos (SELS Products)
Background:	Selenoprotein S (SelS) (Minor histocompatibility antigen H47),FUNCTION: Involved in the degradation process of misfolded endoplasmic reticulum (ER) luminal proteins. Participates in the transfer of misfolded proteins from the ER to the cytosol, where they are destroyed by the proteasome in a ubiquitin-dependent manner. Probably acts by serving as a linker between DERL1, which mediates the retrotranslocation of misfolded proteins into the cytosol, and the ATPase complex VCP, which mediates the translocation and ubiquitination (By similarity). {ECO:0000250}.
Molecular Weight:	21.5 kDa
UniProt:	Q9BCZ4
Pathways:	Cellular Response to Molecule of Bacterial Origin, ER-Nucleus Signaling, Regulation of Carbohydrate Metabolic Process, Cell RedoxHomeostasis, Negative Regulation of intrinsic apoptotic Signaling, SARS-CoV-2 Protein Interactome

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

Application Details

	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

