

Datasheet for ABIN7554110

HERPUD1 Protein (AA 1-391) (His tag)



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Overview

Quantity:	1 mg
Target:	HERPUD1
Protein Characteristics:	AA 1-391
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HERPUD1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant HERPUD1 Protein expressed in mammalian cells.
Sequence:	<p>MESETEPEPV TLLVKSPNQR HRDLELSGDR GWSVGHLKAH LSRVYPERPR PEDQRLIYSG KLLLDHQCLR DLLPKQEKRH VLHLVCNVKS PSKMPEINAK VAESTEEPAG SNRGQYPEDS SSDGLRQREV LRNLSSPGWE NISRPEAAQQ AFQGLGPGFS GYTPYGWLQL SWFQQIYARQ YYMQYLAATA ASGAFVPPPS AQEIPVVSAP APAPIHNQFP AENQPANQNA APQVVVNPGA NQNLRMNAQG GPIVEEDEI NRDWLDWTYS AATFSVFLSI LYFYSSLSRF LMVMGATVVM YLHHVGWFPF RPRPVQNFNP DGPPPDVVNQ DPNNNLQEGT DPETEDPNHL PPDRDVL DGE QTSPSFMSTA WLVFKTFFAS LLPEGPPAIA N</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 contact us.</p>
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.

Product Details

Characteristics:	<div>Key Benefits:</div> <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>
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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	HERPUD1
Alternative Name:	HERPUD1 (HERPUD1 Products)
Background:	<p>Homocysteine-responsive endoplasmic reticulum-resident ubiquitin-like domain member 1 protein (Methyl methanesulfonate (MMF)-inducible fragment protein 1),FUNCTION: Component of the endoplasmic reticulum quality control (ERQC) system also called ER-associated degradation (ERAD) involved in ubiquitin-dependent degradation of misfolded endoplasmic reticulum proteins (PubMed:16289116, PubMed:28827405). Could enhance presenilin-mediated amyloid-beta protein 40 generation. Binds to ubiquilins and this interaction is required for efficient degradation of CD3D via the ERAD pathway (PubMed:18307982).</p> <p>{ECO:0000269 PubMed:16289116, ECO:0000269 PubMed:18307982, ECO:0000269 PubMed:28827405}.</p>
Molecular Weight:	43.7 kDa
UniProt:	Q15011
Pathways:	ER-Nucleus Signaling

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