

Datasheet for ABIN7558750
HPS6 Protein (AA 1-805) (His tag)



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Overview

Quantity:	1 mg
Target:	HPS6
Protein Characteristics:	AA 1-805
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HPS6 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Hps6 Protein expressed in mammalien cells.
Sequence:	<p>MKRAGTLRLL SDLSNFTGAA RLRELLAGDP AVLVRCSPDG RHLLLLRPPG SPAPQLLVAV</p> <p>RGPGLPLERA WPEGDPSPLD VFFVPWLARP ALILVWESGL AEVWGVGMPEP GWKLLQSTEL</p> <p>CPDGGARVMA VAATRGLVW CEERQPGVKD QPEQLSTAFS HRVCFKTLET SGEAGTKLGC</p> <p>THILLHHCP L FGLIASRKDL FLVPTTNTWS GVAHLLLIWS PSKGKVIVAA PSLGLSHSKS</p> <p>LNPQKQDGTWD FRTLLRGLPG FLSPREPLAV HTWAPSSQGL LLLDLKGKVS LVQCHGGTRT</p> <p>VGILQEAPVS LKGSAA LGTF HGTACVLGS TLELLDMSSG RLLEKKVLST DRVHLLPEPA</p> <p>PGMKNEEELE TRGALRLLSA LGLFCVCWET PQGLELP SDK DLVFEEACGY YQRRSLRG TQ</p> <p>LTPEELRHNS MFRAPQALAS ILQGHLP PST LLTTLRAELR DYRSIEQLKA QLVAGDDEEA</p> <p>GWTELA EHEV ARLLRTQLTG DQLAQFNTIF QALPTAAWGA TLQALQLQPD RSGRLRSQAP</p> <p>PDVWKKVLRA PTAGKEHPNG ILPPFELL CQ CLGQLEPQWL PPFVKLAQQQ GPGWGAE GP</p> <p>SLPLYRRALA VLGEEGKRPE ALELELLLGS GRPKAVLQAV RQLIKKEEWE RALEAGLALD</p>

ASSPLLRISEI FKLLLAFAEQ HRRLLDAHLPL LCRLCPPEVA PHELLLLLRRT HLPDDEGTTP
FPEPGAEPPL TVGLVRALLE QTGAQGRPSG PVQSTYEDIL WDPGTPPPTP PRGPTASLPA
SDHPGQEAWV PPGQGLGAAD VGVHL **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>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	HPS6
Alternative Name:	Hps6 (HPS6 Products)
Background:	BLOC-2 complex member HPS6 (Hermansky-Pudlak syndrome 6 protein homolog) (Ruby-eye protein) (Ru),FUNCTION: May regulate the synthesis and function of lysosomes and of highly specialized organelles, such as melanosomes and platelet dense granules (By similarity). Acts as a cargo adapter for the dynein-dynactin motor complex to mediate the transport of lysosomes from the cell periphery to the perinuclear region. Facilitates retrograde lysosomal trafficking by linking the motor complex to lysosomes, and perinuclear positioning of lysosomes is crucial for the delivery of endocytic cargos to lysosomes, for lysosome maturation and functioning (PubMed:25189619). {ECO:0000250 UniProtKB:Q86YV9,

Target Details

ECO:0000269|PubMed:25189619}.

Molecular Weight: 87.3 kDa

UniProt: [Q8BLY7](#)

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