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HPS1 Protein (Transcript Variant 1) (Myc-DYKDDDDK Tag)



Image



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Overview	
Quantity:	20 μg
Target:	HPS1
Protein Characteristics:	Transcript Variant 1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HPS1 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	 Recombinant human HPS1 (transcript variant 1) protein expressed in HEK293 cells. Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	HPS1
Alternative Name:	Hps1 (HPS1 Products)
Background:	This gene encodes a protein that may play a role in organelle biogenesis associated with
	melanosomes, platelet dense granules, and lysosomes. The encoded protein is a component of
	three different protein complexes termed biogenesis of lysosome-related organelles complex
	(BLOC)-3, BLOC4, and BLOC5. Mutations in this gene are associated with Hermansky-Pudlak

Target Details

	syndrome type 1. Alternative splicing results in multiple transcript variants. A pseudogene related to this gene is located on chromosome 22.
Molecular Weight:	79.1 kDa
NCBI Accession:	NP_000186

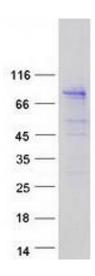
Application Details

Application Notes:	Recombinant human proteins can be used for:
	Native antigens for optimized antibody production
	Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

Handling

Concentration:	50 μg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

Images



Western Blotting

Image 1. Validation with Western Blot