

Product datasheet for TP313679

HPS1 (NM_182639) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins Recombinant protein of human Hermansky-Pudlak syndrome 1 (HPS1), transcript variant 3, **Description:** 20 µg Species: Human **Expression Host:** HEK293T Expression cDNA Clone >RC213679 representing NM 182639 or AA Sequence: Red=Cloning site Green=Tags(s) MKCVLVATEGAEVLFYWTDQEFEESLRLKFGQSENEEEELPALEDQLSTLLAPVIISSMTMLEKLSDTYT CFSTENGNFLYVLHLFGECLFIAINGDHTESEGDLRRKLYVLKYLFEVHFGLVTVDGHLIRKELRPPDLA QRVQLWEHFQSLLWTYSRLREQEQCFAVEALERLIHPQLCELCIEALERHVIQAVNTSPERGGEEALHAF LLVHSKLLAFYSSHSASSLRPADLLALILLVQDLYPSESTAEDDIQPSPRRARSSQNIPVQQAWSPHSTG PTGGSSAETETDSFSLPEEYFTPAPSPGDQSSGEDRRKAGGNNS **TRTRPLEOKLISEEDLAANDILDYKDDDDKV** Tag: C-Myc/DDK Predicted MW: 36.3 kDa **Concentration:** >0.05 µg/µL as determined by microplate BCA method **Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining **Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol **Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. For testing in cell culture applications, please filter before use. Note that you may experience Note: some loss of protein during the filtration process. Store at -80°C. Storage: Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. **RefSeq:** NP 872577 Locus ID: 3257



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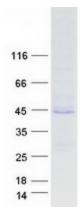
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	HPS1 (NM_182639) Human Recombinant Protein – TP313679
UniProt ID:	<u>Q92902</u>
RefSeq Size:	1625
Cytogenetics:	10q24.2
RefSeq ORF:	972
Synonyms:	BLOC3S1; HPS
Summary:	This gene encodes a protein that may play a role in organelle biogenesis associated 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 syndrome type 1. Alternative splicing results in multiple transcript variants. A pseudogene related to this gene is located on chromosome 22. [provided by RefSeq, Aug 2015]

Product images:



Coomassie blue staining of purified HPS1 protein (Cat# TP313679). The protein was produced from HEK293T cells transfected with HPS1 cDNA clone (Cat# [RC213679]) using MegaTran 2.0 (Cat# [TT210002]).

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