



# Recombinant Human Hermansky-Pudlak syndrome 1 protein (HPS1)

<b>Product Code</b>	CSB-BP856438HU
<b>Abbreviation</b>	HPS1
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q92902
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MKCVLVATEGAEVLFYWTDQEFEEESLRLKFGQSENEEEELPALEDQLSTLLAP VISSMTMLEKLSDTYTCFSTENGNFLYVLHLFGCELFIAINGDHTESEGDRLRK LYVLKYLFEVHFGLVTVDGHLIRKELRPPDLAQRVQLWEHFQSLLWYTSRLRE QEQCFAVEALERLIHPQLCELCIEALERHVIQAVNTSPERGGEEALHAFLLVHS KLLAFYSSHSASSLRPADLLALILLVQDLYPSESTAEDDIQSPRRARSSQNIPV QQAWSPHSTGPTGGSSAETETDSFSLPEEYFTPAPSPGDQSSGEDRRKAGG NNS
<b>Source</b>	Baculovirus
<b>Target Names</b>	HPS1
<b>Protein Names</b>	Recommended name: Hermansky-Pudlak syndrome 1 protein
<b>Expression Region</b>	1-324
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length of Isoform III
<b>Target Details</b>	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. Multiple transcript variants encoding distinct isoforms have been identified for this gene; the full-length sequences of some of these have not been determined yet.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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