Recombinant Human Dysbindin (DTNBP1)

Product Code	CSB-EP822207HU
Abbreviation	DTNBP1
Storage	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.
Uniprot No.	Q96EV8
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MLETLRERLL SVQQDFTSGL KTLSDKSREA KVKSKPRTVP FLPKYSAGLE LLSRYEDTWA ALHRRAKDCA SAGELVDSEV VMLSAHWEKK KTSLVELQEQ LQQLPALIAD LESMTANLTH LEASFEEVEN NLLHLEDLCG QCELERCKHM QSQQLENYKK NKRKELETFK AELDAEHAQK VLEMEHTQQM KLKERQKFFE EAFQQDMEQY LSTGYLQIAE RREPIGSMSS MEVNVDMLEQ MDLMDISDQE ALDVFLNSGG EENTVLSPAL GPESSTCQNE ITLQVPNPSE LRAKPPSSSS TCTDSATRDI SEGGESPVVQ SDEEEVQVDT ALATSHTDRE ATPDGGEDSD S
Source	E.coli
Target Names	DTNBP1
Protein Names	Recommended name: Dysbindin Alternative name(s): Dysbindin-1 Dystrobrevin-binding protein 1 Hermansky-Pudlak syndrome 7 protein Short name= HPS7 protein
Expression Region	1-351
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This gene encodes a protein that may play a role in organelle biogenesis associated with melanosomes, platelet dense granules, and lysosomes. A similar protein in mouse is a component of a protein complex termed biogenesis of lysosome-related organelles complex 1 (BLOC-1), and binds to alpha- and beta-dystrobrevins, which are components of the dystrophin-associated protein complex (DPC). Mutations in this gene are associated with Hermansky-Pudlak syndrome type 7. This gene may also be associated with schizophrenia. Multiple transcript variants encoding distinct isoforms have been identified for this gene.
Reconstitution	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.
Shelf Life	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.