Recombinant Human Charged multivesicular body protein 1a (CHMP1A)

Product Code	CSB-EP881032HU-B
Abbreviation	CHMP1A
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.	Q9HD42
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MDDTLFQLKF TAKQLEKLAK KAEKDSKAEQ AKVKKALLQK NVECARVYAE NAIRKKNEGV NWLRMASRVD AVASKVQTAV TMKGVTKNMA QVTKALDKAL STMDLQKVSS VMDRFEQQVQ NLDVHTSVME DSMSSATTLT TPQEQVDSLI MQIAEENGLE VLDQLSQLPE GASAVGESSV RSQEDQLSRR LAALRN
Source	E.coli
Target Names	CHMP1A
Protein Names	Recommended name: Charged multivesicular body protein 1a Alternative name(s): Chromatin-modifying protein 1a Short name= CHMP1a Vacuolar protein sorting-associated protein 46-1 Short name= Vps46-1 Short name= hVps46-1
Expression Region	1-196
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 member of the CHMP/Chmp family of proteins which are involved in multivesicular body sorting of proteins to the interiors of lysosomes. The initial prediction of the protein sequence encoded by this gene suggested that the encoded protein was a metallopeptidase. The nomenclature has been updated recently to reflect the correct biological function of this encoded protein.
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.