Recombinant Human Huntingtin-associated protein 1 (HAP1)

Product Code	CSB-EP010129HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P54257
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MRPKRLGRCC AGSRLGPGDP AALTCAPSPS ASPAPEPSAQ PQARGTGQRV GSRATSGSQF LSEARTGARP ASEAGAKAGA RRPSAFSAIQ GDVRSMPDNS DAPWTRFVFQ GPFGSRATGR GTGKAAGIWK TPAAYVGRRP GVSGPERAAF IRELEEALCP NLPPPVKKIT QEDVKVMLYL LEELLPPVWE SVTYGMVLQR ERDLNTAARI GQSLVKQNSV LMEENSKLEA LLGSAKEEIL YLRHQVNLRD ELLQLYSDSD EEDEDEEEEE EEKEAEEEQE EEEAEEDLQC AHPCDAPKLI SQEALLHQHH CPQLEALQEK LRLLEEENHQ LREEASQLDT LEDEEQMLIL ECVEQFSEAS QQMAELSEVL VLRLENYERQ QQEVARLQAQ VLKLQQRCRM YGAETEKLQK QLASEKEIQM QLQEESVWVG SQLQDLREKY MDCGGMLIEM QEEVKTLRQQ PPVSTGSATH YPYSVPLETL PGFQETLAEE LRTSLRRMIS DPVYFMERNY EMPRGDTSSL RYDFRYSEDR EQVRGFEAEE GLMLAADIMR GEDFTPAEEF VPQEELGAAK KVPAEEGVME EAELVSEETE GWEEVELELD EATRMNVVTS ALEASGLGPS HLDMNYVLQQ LANWQDAHYR RQLRWKMLQK GECPHGALPA ASRTSCRSSC R
Source	E.coli
Target Names	HAP1
Protein Names	Recommended name: Huntingtin-associated protein 1 Short name= HAP-1 Alternative name(s): Neuroan 1
Expression Region	1-671
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	Huntington s disease (HD), a neurodegenerative disorder characterized by loss of striatal neurons, is caused by an expansion of a polyglutamine tract in the HD protein huntingtin. This gene encodes a protein that interacts with huntingtin, with two cytoskeletal proteins (dynactin and pericentriolar autoantigen protein 1), and with a hepatocyte growth factor-regulated tyrosine kinase substrate. The interactions with cytoskeletal proteins and a kinase substrate suggest a role for this protein in vesicular trafficking or organelle transport. Several alternatively spliced transcript variants encoding different isoforms have been described 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.