



# Recombinant Human Epsin-2 (EPN2)

<b>Product Code</b>	CSB-BP007741HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O95208
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>MTTSSIRRQM KNIVNNYSEA EIKVREATSN DPWGPSSSLM TEIADLTYNV            VAFSEIMSMV WKRLNDHGKN WRHVYKALTLDYLIKTGSE RVAQQCRENI            FAIQLTKDFQ YIDRDGKDQG INVREKSKQL VALLKDEERL KAERAQALKT            KERMAQVATG MGSNQITFGR GSSQPNLSTS HSEQEYGKAG            GSPASYHGSP EASLCPQHRT GAPLGQSEEL QPLSQRHPFL PHLGLASRPN            GDWSQPCLTC DRAARATSPR VSSELEQARP QTSGEEELQL QLALAMSREV            AEQEERLRRG DDLRLQMALE ESRRDTVKIP KKKEHGSLPQ QTLLDLMDA            LPSSGPAQK AEPWGPSAST NQTNPWGGPA APASTSDPWP SFGTKPAASI            DPWGVPTGAT VQSVPKNSDP WAASQQPASS AGKRASDAWG            AVSTTKPVSV SGSFELFSNL NGTIKDDFSE FDLNRTSKKT AESVTSLSQ            NNGTTSPDPF ESQPLTVASS KPSSARKTPE SFLGPNAALV NLDSLVRPA            PPAQSLNPFL APGAPATSAP VNPVFQVNPQ PLTLNQLRGS PVLGTSTSFQ            PGPVSMMAV ASMTSAAPQP ALGATGSSLT PLGPAMMMV GSVGIPPSAA            QATGTTNPFL L</p>
<b>Source</b>	Baculovirus
<b>Target Names</b>	EPN2
<b>Protein Names</b>	Recommended name: Epsin-2 Alternative name(s): EPS-15-interacting protein 2
<b>Expression Region</b>	1-641
<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 protein
<b>Target Details</b>	This gene encodes a protein which interacts with clathrin and adaptor-related protein complex 2, alpha 1 subunit. The protein is found in a brain-derived clathrin-coated vesicle fraction and localizes to the peri-Golgi region and the cell periphery. The protein is thought to be involved in clathrin-mediated endocytosis. Alternate splicing of this gene results in multiple transcript variants encoding different isoforms.
<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.



## 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.