Recombinant Human Cerebellin-1 (CBLN1)

Product Code	CSB-EP004582HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P23435
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	QNETEPIVL EGKCLVVCDS NPTSDPTGTA LGISVRSGSA KVAFSAIRST NHEPSEMSNR TMIIYFDQVL VNIGNNFDSE RSTFIAPRKG IYSFNFHVVK VYNRQTIQVS LMLNGWPVIS AFAGDQDVTR EAASNGVLIQ MEKGDRAYLK LERGNLMGGW KYSTFSGFLV FPL
Source	E.coli
Target Names	CBLN1
Protein Names	Recommended name: Cerebellin-1 Alternative name(s): Precerebellin Cleaved into the following 2 chains: 1. Cerebellin Short name= 2. CER 3. [des-Ser1]-cerebellin
Expression Region	22-193
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 of Mature Protein
Target Details	This gene encodes a cerebellum-specific precursor protein, precerebellin, with similarity to the globular (non-collagen-like) domain of complement component C1qB. Precerebellin is processed to give rise to several derivatives, including the hexadecapeptide, cerebellin, which is highly enriched in postsynaptic structures of Purkinje cells. Cerebellin has also been found in human and rat adrenals, where it has been shown to enhance the secretory activity of this gland.
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.