



Recombinant Human Hippocalcin-like protein 4 (HPCAL4)

Product Code	CSB-EP891785HU-B
Abbreviation	HPCAL4
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.	Q9UM19
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	GKTN SKLAP EVLEDLVQNT EFSEQELKQW YKGF LKDCPS GILNLEEFQQ LYIKFFPYGD ASKFAQHAFR TFDKNGDGTI DFREFICALS VTSRGSFEQK LNWAFEMYDL DGDGRITRLE MLEIIEAIYK MVGTVIMMRM NQDGLTPQQR VDKIFKKMDQ DKDDQITLEE FKEAAKSDPS IVLLLQCDMQ K
Source	E.coli
Target Names	HPCAL4
Protein Names	Recommended name: Hippocalcin-like protein 4 Short name= HLP4
Expression Region	2-191
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 protein is highly similar to human hippocalcin protein and hippocalcin like-1 protein. It also has similarity to rat neural visinin-like Ca ²⁺ -binding protein-type 1 and 2 proteins. This encoded protein may be involved in the calcium-dependent regulation of rhodopsin phosphorylation. The transcript of this gene has multiple polyadenylation sites.
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.