



Recombinant Human Calcyphosin (CAPS)

Product Code	CSB-EP622689HU-B
Abbreviation	CAPS
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.	Q13938
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MDAVDATMEK LRAQCLSRGA SGIQGLARFF RQLDRDGSRS LDADEFRQGL AKLGLVLDQA EAEGVCRKWD RINGSGTLDLE EFLRALRPPM SQAREAVIAA AFAKLDRSGD GVVTVDDLGR VYSGRAHPKV RSGEWTEDEV LRRFLDNFDS SEKDGQVTLA EFQDYYSQGSV ASMNTDEEFV AMMTSAWQL
Source	E.coli
Target Names	CAPS
Protein Names	Recommended name: Calcyphosin Alternative name(s): Calcyphosine
Expression Region	1-189
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 calcium-binding protein, which may play a role in the regulation of ion transport. A similar protein was first described as a potentially important regulatory protein in the dog thyroid and was termed as R2D5 antigen in rabbit. Alternative splicing of this gene generates two transcript variants.
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.