



Recombinant Human Gamma-crystallin N (CRYGN)

Product Code	CSB-EP841000HU-B
Abbreviation	CRYGN
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.	Q8WXF5
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MAQRSGKITL YEGKHFTGQK LEVFGDCDNF QDRGFMNRVN SIHVESGAWV CFNHPDFRGQ QFILEHGDYP DFFRWNSHSD HMGSCRVPGM HGEHFRLEIF EGCNFTGQCL EFLEDSPFLQ SRGWVKNCVN TIKVYGDGAA WSPRSFGAED FQLSSSLQSD QGPEEATTKP ATTQPPFLTA NL
Source	E.coli
Target Names	CRYGN
Protein Names	Recommended name: Gamma-crystallin N Alternative name(s): Gamma-N-crystallin
Expression Region	1-182
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	The beta and gamma crystallins are evolutionarily related families of proteins that are localized to the refractive structure of the eye lens. This protein is unique in that it has both beta and gamma crystallin protein motifs.
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.