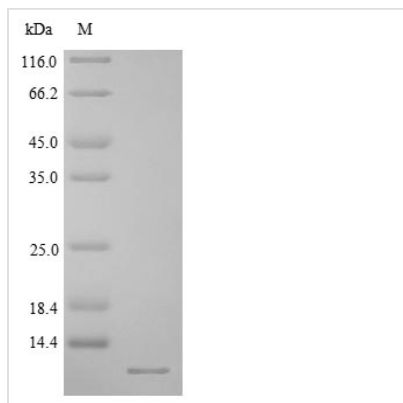


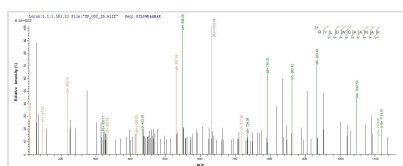


Recombinant Rat Gamma-crystallin B (Crygb)

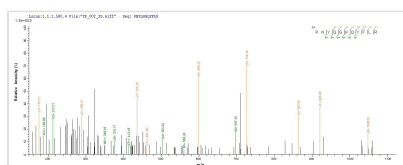
Product Code	CSB-YP006018RA
Relevance	Crystallins are the dominant structural components of the vertebrate eye lens.
Abbreviation	Recombinant Rat Crygb protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. 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.	P10066
Alias	Gamma-B-crystallin Gamma-crystallin 1-2
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	GKITFFEDRGFQGRCYECSSDCPNLQTYFSRCNSVRVDSGCWMLYERPNIYQ GHQYFLRRGDYPDYQQWMGFSDSIRSCRLIPQHSGTYRMRIYERDDFRGQM SEITDDCLSLQDRFHLSEIHSLNVMEGCWVLYEMPSYRGRQYLLRPGEYRRYL DWGAANAKVGSFRRVMDFY
Research Area	Neuroscience
Source	Yeast
Target Names	Crygb
Protein Names	Recommended name: Gamma-crystallin B Alternative name(s): Gamma-B-crystallin Gamma-crystallin 1-2
Expression Region	2-175aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	23.0kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Based on the SEQUEST from database of Yeast host and target protein, the LC-MS/MS Analysis result of CSB-YP006018RA could indicate that this peptide derived from Yeast-expressed *Rattus norvegicus* (Rat) Crygb.



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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.