



Recombinant Mycobacterium bovis Alpha-crystallin (hspX)

Product Code	CSB-EP358651MVH-B
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.	P0A5B8
Storage Buffer	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Product Type	Recombinant Proteins
Immunogen Species	Mycobacterium bovis
Purity	≥85% (SDS-PAGE)
Sequence	ATTLPVQRH PRSLFPEFSE LFAAFPSFAG LRPTFDTRLM RLEDEMKEGR YEVRAELPGV DPDKDVDIMV RDGQLTIKAE RTEQKDFDGR SEFAYGSFVR TVSLPVGAD EDDIKATYDKG ILTVSVAVSE GKPTEKHIQI RSTN
Source	E.coli
Target Names	Name:hspXOrdered Locus Names:Mb2057c
Protein Names	Recommended name: 14 kDa antigenAlternative name(s): 16 kDa antigen HSP 16.3
Expression Region	2-144
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
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.