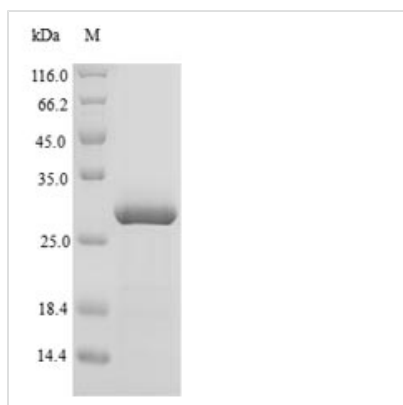




Recombinant *Anas platyrhynchos* Lysozyme C-1

Product Code	CSB-EP360572BZD
Relevance	Lysozymes have primarily a bacteriolytic function; those in tissues and body fluids are associated with the monocyte-macrophage system and enhance the activity of immunoagents.
Abbreviation	Recombinant <i>Anas platyrhynchos</i> Lysozyme C-1 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.	P00705
Alias	1,4-beta-N-acetylmuramidase C
Product Type	Recombinant Protein
Immunogen Species	<i>Anas platyrhynchos</i> (Mallard) (<i>Anas boschas</i>)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	KVYSRCELAAAMKRLGLDNYRGYSLGNWVCAANYESGFNTQATNRNTDGST DYGILQINSRWWCNDNGKTPRSKNACGIPCSVLLRSDITEAVRCAKRIVSDGDG MNAWVAWRNRRCRGTDVSKWIRGCRL
Research Area	Others
Source	E.coli
Expression Region	19-147aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	32.4kDa
Protein Length	Full Length of Mature Protein

Image



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



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.