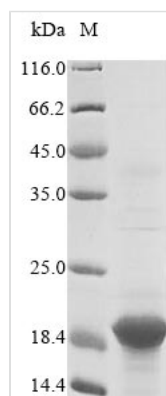




Recombinant Sheep Beta-2-microglobulin (B2M)

Product Code	CSB-EP002486SH
Relevance	Component of the class I major histocompatibility complex (MHC). Involved in the presentation of peptide antigens to the immune system
Abbreviation	Recombinant Sheep B2M 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.	Q6QAT4
Product Type	Recombinant Protein
Immunogen Species	Ovis aries (Sheep)
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	IQRIPEVQVYSRHPEDGKPNYLNCYVYGFHPPQIEIDLLKNGEKIKSEQSDLSE SKDWSFYLLSHAEFTPNNSKDQYSCRNVHVTLTQPKIVKWDRDL
Research Area	Cancer
Source	E.coli
Target Names	B2M
Protein Names	Recommended name: Beta-2-microglobulin
Expression Region	21-118aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	18.6 kDa
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.