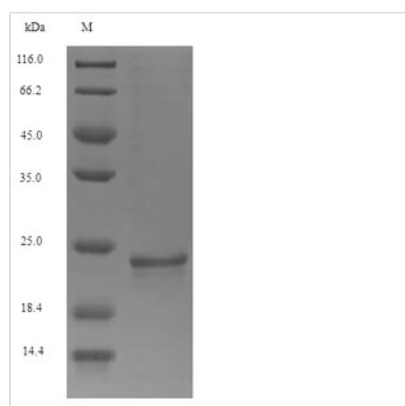




Recombinant Mouse Osteocalcin (Bglap)

Product Code	CSB-EP002682MO
Relevance	Constitutes 1-2% of the total bone protein. It binds strongly to apatite and calcium.
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.	P86546
Alias	Bone Gla protein Short name: BGP Gamma-carboxyglutamic acid-containing protein
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	YLGASVPSPDPLEPTREQCELNPACDELSDQYGLKTAYKRIYGITI
Lead Time	3-7 business days
Research Area	Signal Transduction
Source	E.coli
Gene Names	Bglap
Expression Region	50-95aa
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	21.1kDa
Protein Description	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.