

Beta-Lactoglobulin (bLg) Native Protein | bLg native protein

Native Beta-Lactoglobulin (bLg)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA148298	Bovine (Milk)	Bos taurus; Bovine (Cattle)	Western Blot, SDS-Page

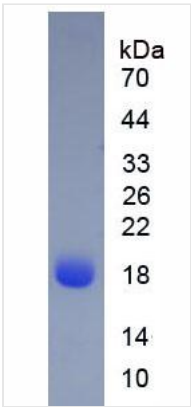
PRODUCT SYNONYMS

Beta-Lactoglobulin (bLg); Native Beta-Lactoglobulin (bLg); LGB; B-LG; bLg native protein

PRODUCT SPECIFICATIONS

Host	Bovine (Milk)
Reactivity	Bos taurus; Bovine (Cattle)
Purity/Purification	>92% as determined by SDS-PAGE. Salt co-precipitation and ionic-Exchange chromatography.
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% Sarcosyl, 5%Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for bLg native protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Natural Extract
Traits	Freeze-dried powder
Predicted isoelectric point	5.2
Usage	Reconstitute in ddH ₂ O to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for bLg native protein	Signal transduction; Infection immunity; Reproductive science; Human gene deletion; Nutrition metabolism
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NCBI AND UNIPROT INFORMATION

NCBI GI #	87196497
NCBI GeneID	280838
NCBI Accession #	NP_776354.2
NCBI GenBank Nucleotide #	NM_173929.3
UniProt Accession #	P02754; Q32P89
Molecular Weight	Accurate Molecular Mass: 18.4kDa Observe Molecular Mass: 18kDa
NCBI Official Full Name	beta-lactoglobulin
NCBI Official Symbol	PAEP
NCBI Official Synonym Symbols	BLG; LGB
NCBI Protein Information	beta-lactoglobulin
UniProt Protein Name	Beta-lactoglobulin
UniProt Gene Name	LGB
UniProt Synonym Gene Names	Beta-LG

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/bovine-bos-taurus-bovine-cat-cattle-ovine-native-protein/beta-lactoglobulin-blg/148298>