

beta Lactoglobulin Native Protein | PAEP native protein

beta Lactoglobulin protein (Bovine)

CATALOG # AAA224537	HOST Bovine milk	APPLICATIONS Western Blot, SDS-Page, ELISA
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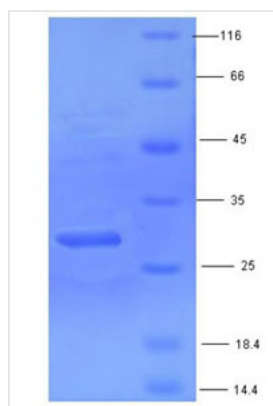
PRODUCT SYNONYMS

beta Lactoglobulin; beta Lactoglobulin protein (Bovine); beta LG protein; PAEP native protein

PRODUCT SPECIFICATIONS

Host	Bovine milk
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid in PBS, pH 7.4
Concentration	0.17 mg/mL (varies by lot)
Sequence Length	178
Applicable Applications for PAEP native protein	WB (Western Blot), SDS-PAGE, ELISA
Protein Type	Native
Biological Significance	beta Lactoglobulin is the major whey protein of cow and sheep's milk (~3 g/l), and is also present in many other mammalian species; a notable exception being humans. Bovine beta Lactoglobulin is a relatively small protein of 162 residues, with an 18.4 kDa molecular weight. In physiological conditions it is predominantly dimeric, but dissociates to a monomer below about pH 3. Nevertheless, its native state remains fairly intact at lower pH values, as determined using NMR.
Biohazard	For research use only. Use appropriate laboratory precautions when handling this product.
Preparation and Storage	Store at 4°C for short term, -20°C for long term. Avoid repeat freeze-thaws.

IMAGES



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for PAEP native protein	Purified native beta Lactoglobulin protein (Bovine)
Product Categories/Family for PAEP native protein	Hormones & Steroids; Native Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	87196497
NCBI GeneID	280838
NCBI Accession #	NP_776354.2
NCBI GenBank Nucleotide #	NM_173929.3
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
UniProt Entry Name	LACB_BOVIN

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.