

Product datasheet

Recombinant Human BLBP protein ab113868

1 Image

Description

Product name	Recombinant Human BLBP protein
Purity	> 95 % SDS-PAGE. Purity determined by densitometric image analysis
Endotoxin level	< 1.000 Eu/μg
Expression system	Escherichia coli
Accession	<u>O15540</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MKHHHHHHAS VEAFCATWKL TNSQNFDEYM KALGVGFATR QVGNVTKPTV IISQEGDKVV IRTLSTFKNT EISFQLGEEF DETTADDRNC KSVVSLDGDK LVHIQKWDGK ETNFVREIKD GKMVMTLTFG DVVAVRHYEK A
Predicted molecular weight	16 kDa including tags
Amino acids	2 to 132
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab113868** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Western blot ELISA
Form	Lyophilized

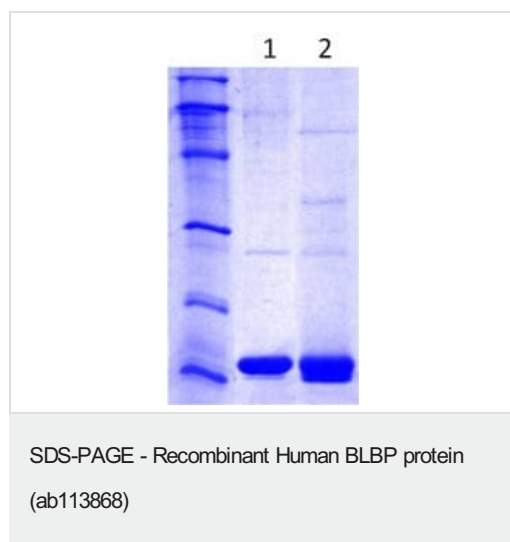
Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. Constituents: 99% Phosphate Buffer, 0.44% Sodium chloride
Reconstitution	Add deionized water (200 µl) to prepare a working stock solution of approximately 0.5 mg/mL

General Info

Function	B-FABP could be involved in the transport of a so far unknown hydrophobic ligand with potential morphogenic activity during CNS development. It is required for the establishment of the radial glial fiber system in developing brain, a system that is necessary for the migration of immature neurons to establish cortical layers.
Tissue specificity	Expressed in brain and other neural tissues.
Sequence similarities	Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family.
Domain	Forms a beta-barrel structure that accommodates the hydrophobic ligand in its interior.
Cellular localization	Cytoplasm.

Images



14% SDS-PAGE separation of Human FABP7

1. reduced and heated sample, 5µg/lane

2. non-reduced and non-heated sample, 5µg/lane

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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