

Product datasheet

Recombinant Human PMP2 protein ab115501

1 Image

Overview

Product name	Recombinant Human PMP2 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Escherichia coli
Amino Acid Sequence	
Accession	P02689
Species	Human
Sequence	MKHHHHHHASNKFLGTWKLVSSENFDDYMKALGVGL ATRKLGNLAKPTVI ISKKGDIITIRTESTFKNTEISFKLGQEFEEETTADNRKTKSI VTLQRGSL NQVQRWDGKETTIRKRLVNGKMVAECKMKGVVCTRIY EKV
Molecular weight	16 kDa
Amino acids	2 to 132
Tags	His tag N-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab115501** in the following tested applications.

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

Applications	Western blot ELISA SDS-PAGE
Endotoxin level	< 1.000 Eu/µg
Form	Lyophilised

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at -80°C.

pH: 7.50

Constituents: 0.24% Tris, 0.29% Sodium chloride

Reconstitution

Add deionized water to prepare a working stock solution of 0.5 mg/mL and let the lyophilized pellet dissolve completely. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80°C for long term storage. Reconstituted protein can be stored at 4°C for a week.

General Info

Function

May play a role in lipid transport protein in Schwann cells. May bind cholesterol.

Sequence similarities

Belongs to the calycin superfamily. Fatty-acid binding protein (FABP) family.

Domain

Forms a beta-barrel structure that accommodates hydrophobic ligands in its interior.

Cellular localization

Cytoplasm.

Images



14% SDS-PAGE showing ab115501

Lane 1: M.W. marker – 14, 21, 31, 45, 66, 97 kDa

Lane 2: reduced and boiled sample, 5µg/lane.

Lane 3: non-reduced and non-boiled sample, 5µg/lane.

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