

Product datasheet

Recombinant Human PMP2 protein ab115501

1 Image

Description

Product name	Recombinant Human PMP2 protein
Purity	> 99 % SDS-PAGE. ab115501 is purified using Ni-NTA chromatography and filtered (0.4 m). Purity as determined by densitometric image analysis > 99%.
Endotoxin level	< 1.000 Eu/μg
Expression system	Escherichia coli
Accession	<u>P02689</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MKHHHHHHASNKFLGTWKLVSSENFDDYMKALGVGLAT RKLGNLAKPTVI ISKKGDIIITRTESTFKNTEISFKLGQEFEEETTADNRKTKSIVT LQRGSL NQVQRWDGKETTIRKRLVNGKMVAECKMKGVVCTRIYEK V
Predicted 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
Form	Lyophilized

Preparation and Storage

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Stability and Storage

Shipped at 4°C. Store at -80°C.

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.

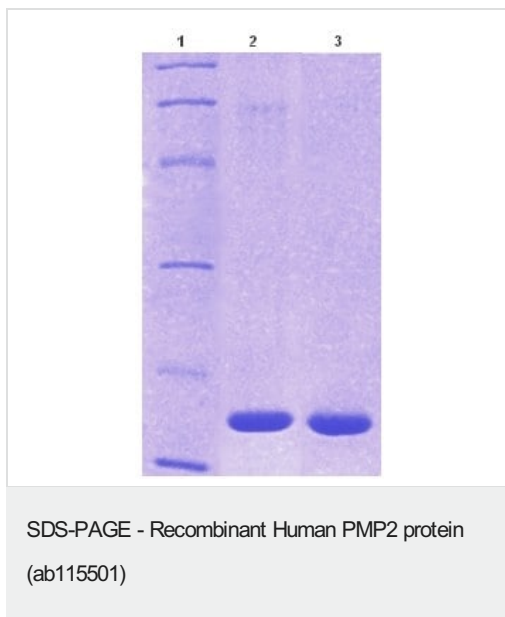
Domain

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.

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

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