



Product Datasheet

Product Name	Peripheral Myelin Protein-2 Human Recombinant
Cata No	CB501507
Source	<i>Escherichia Coli.</i>
Synonyms	P2, MP2, FABP8, M-FABP, Myelin P2 protein, PMP2, Peripheral Myelin Protein-2.

Description

PMP2 is a small protein found in peripheral nerve myelin and spinal cord myelin, belongs to a family of fatty acid binding proteins. PMP2 partly decreases the inhibitory effect of T suppressors in the culture of immune lymph node cells. PMP2 protein is a lipid transport protein in schwann cells.

PMP2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 132 amino acids and having a molecular mass of 14.9 kDa.

Physical Appearance

Sterile Filtered colorless solution.

Purity

Greater than 95.0% as determined by:

- (a) Analysis by RP-HPLC.
- (b) Analysis by SDS-PAGE.

Formulation

The PMP2 protein solution contains 20mM Tris pH-7.5, 2mM EDTA, 1mM DTT and 10% glycerol.

Stability

PMP2 although stable 4°C for 4 weeks, should be stored desiccated below -18°C.

For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

Please prevent freeze-thaw cycles.

Sequence

MSNKFLGTWK LVSSNFDDY MKALGVGLAT
RKLGNLAKPT VIISKKGDII TIRTESTFKN
EISFKLGQE FEETTADNRK TKSIVTLQRG
SLNQVQRWDG KETTIKRKLV NGKMVAECKM
KGVVCTRIYE KV.