
Recombinant Human MPZ Protein, N-His

Catalog Number: bs-105623P

Species: Human

AA Seq: 30-148/248

Predicted MW: 15.93 kDa

Tags: N-His

Activity: Not tested

Purity: >90% as determined by SDS-PAGE.

Purification: AC

Form: Lyophilized

Storage: Lyophilized from a solution in PBS pH 7.4, 0.02% NLS, 1mM EDTA, 4% Trehalose, 1% Mannitol.

Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.

Background: Myelin protein-zero is the major structural protein of peripheral myelin, accounting for more than 50% of the protein present in the sheath of peripheral nerves. Expression of the gene encoding Myelin protein-zero (MPZ) is restricted to Schwann cells; MPZ is not found in the CNS. An integral membrane glycoprotein of ~28kDa, Myelin protein-zero is thought to link adjacent lamellae and thereby stabilize the myelin assembly. The other 3 major components of myelin are myelin basic protein, myelin proteolipid protein and myelin-associated glycoprotein.