



Recombinant Human Myelin Basic Protein

Datasheet

Catalog Number: PR27171

Product Type: Recombinant Protein

Source: E. Coli

Synonyms: Myelin basic protein, MBP, Myelin A1 protein, Myelin membrane encephalitogenic protein.

Amino Acid Sequence: MGSSHHHHHH SSSLVPRGSH MGSMGNHAGK RELNAEKAST NSETNRGESE
KKRNLGELSR TTSEDNEVFG EADANQNNGT SSQDTAVTDS KRTADPKNAW QDAHPADPGS
RPHLIRLFSR DAPGREDNTF KDRPSEDEL QTIQEDSAAT SESLDVMASQ KRPSQRHGSK
YLATASTMDH ARHGFLPRHR DTGILDSIGR FFGGDRGAPK RGSQKVSSEE

Description/Molecular Mass: MBP Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 220 amino acids (1-197) and having a molecular mass of 23.9kDa. MBP is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Purity: Greater than 85.0% as determined by SDS-PAGE.

Format: The MBP solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.15M NaCl and 10% glycerol.

Storage: Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time.
For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).
Avoid multiple freeze-thaw cycles.

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www.neuromics.com

Neuromics Antibodies • 5325 West 74th Street, Suite 8 • Edina, MN 55439
phone 866-350-1500 • fax 612-677-3976 • e-mail pshuster@neuromics.com