

Myelin Basic Protein Human Recombinant

Item Number	rAP-3661
Synonyms	Myelin basic protein, MBP, Myelin A1 protein, Myelin membrane encephalitogenic protein.
Description	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.
Uniprot Accession Number	P02686
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMGNHAGK RELNAEKAST NSETNRGESE KKRNLGELSR TTSEDNEVFG EADANQNNGT SSQDTAVTDS KRTADPKNAW QDAHPADPGS RPHLIRLFSS DAPGREDNTF KDRPSESEDEL QTIQEDSAAT SESLDVMASQ KRPSQRHGSK YLATASTMDH ARHGFLPRHR DTGILDSIGR FFGGDRGAPK RSGSKVSSEE
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	The MBP solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.15M NaCl and 10% glycerol. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**