

## Myelin Basic Protein, Human Recombinant

CODE: 228-21821

### Product Specifications

Size: 10 ug or 1 mg

### Source

Accession Number: P02686

Gene ID: 4155

#### Expressed Region:

MGSSHHHHHH SSGLVPRGSH MGSMGNHAGK RELNAEKAST NSETNRGESE KKRNLGELSR TTSEDNEVFG  
EADANQNNGT SSQDTAVTDS KRTADPKNAW QDAHPADPGS RPHLIRLFSR DAPGREDNTF KDRPSEDEL  
QTIQEDSAAT SESLDVMASQ KRPSQRHGSK YLATASTMDH ARHGFLPRHR DTGILDSIGR FFGGDRGAPK  
RSGGKVSSEE

#### Protein Name &

#### Synonyms:

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

### Preparation

Expression System: E.Coli

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

### Protein Specifications

Format: Sterile Filtered clear solution.

#### Formulation:

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

### 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.

### Stability & Storage

#### Storage/Stability

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.

The products are furnished for LABORATORY RESEARCH USE ONLY. Not for diagnostic or therapeutic use.