

Recombinant Human MBP protein, GST-tagged

Cat. No. MBP-30122H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human MBP (1-171 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Arg171
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	MASQKRPSQRHGSKYLATASTMDHARHGFLPRHRDTGILDSIGRFFGGDRGAPKR GSGKDSHHPARTAHYGLPQKSHGRTQDENPVVHFFKNIVTPRTPPPSQQGKGRGL SLSRFSWGAEGQRPFGYGGGRASDYKSAHKGFKGVDAAQGTLSKIFKLGGRDSRSG SPMARR
Purity	75%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name

MBP myelin basic protein [Homo sapiens]

Official Symbol

MBP

Synonyms

MBP; myelin basic protein; Golli-MBP; myelin basic protein; myelin A1 protein; myelin membrane encephalitogenic protein; MGC99675;

Gene ID

4155

mRNA Refseq

NM_001025081

Protein Refseq

NP_001020252

MIM

159430

UniProt ID

P02686

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