

Myelin basic protein Recombinant Protein | MBP recombinant protein

Recombinant human Myelin basic protein

CATALOG # AAA81624	HOST E Coli
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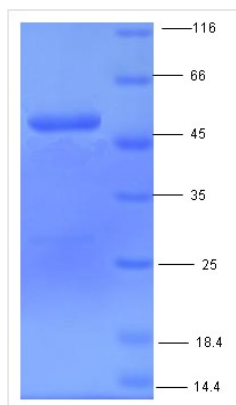
PRODUCT SYNONYMS

Myelin basic protein; Recombinant human Myelin basic protein; MBP recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Liquid containing glycerol
Sequence	MASQKRPSQR HGSKYLATAS TMDHARHGFL PRHRDTGILD SIGRFFGGDR GAPKRGSGKV PWLKPGRSPL PSHARSQGL CNMYKDSHHP ARTAHYGSLP QKSHGRTQDE NPVVHFFKNI VTPRTPPPSQ GKGRGLSLSR FSWGAEGQRP GFGYGGRASD YKSAHKGFKG VDAQGTLSKI FKLGGDRSRS GSPMARR
Preparation and Storage	Store at -20 degree C. For extended storage, conserve at -20 or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for MBP recombinant protein	The classic group of MBP isoforms (isoform 4-isoform 14) are with PLP the most abundant protein components of the myelin membrane in the CNS. They have a role in both its formation and stabilization. The smaller isoforms might have an important role in remyelination of denuded axons in multiple sclerosis. The non-classic group of MBP isoforms (isoform 1-isoform 3/Golli-MBPs) may preferentially have a role in the early developing brain long before myelination, maybe as components of transcriptional complexes, and may also be involved in signaling pathways in T-cells and neural cells. Differential splicing events combined with optional post-translational modifications give a wide spectrum of isomers, with each of them potentially having a specialized function. Induces T-cell proliferation.
References	[1] "Amino acid sequence of the encephalitogenic basic protein from human myelin."

NCBI AND UNIPROT INFORMATION

NCBI GI #	68509932
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NCBI GeneID	4155
NCBI Accession #	NP_001020263.1
NCBI GenBank Nucleotide #	NM_001025092.1
UniProt Accession #	P02686; Q15337; Q15338; Q15339; Q15340; A4FU54; A6NI84; A8MY86; A8MYL4; B3KY66; B7ZKS2; B7ZKS4
Molecular Weight	48 KD
NCBI Official Full Name	myelin basic protein isoform 4
NCBI Official Synonym Full Names	myelin basic protein
NCBI Official Symbol	MBP
NCBI Protein Information	Golli-MBP; myelin basic protein; myelin A1 protein; myelin membrane encephalitogenic protein
UniProt Protein Name	Myelin basic protein
UniProt Gene Name	MBP
UniProt Synonym Gene Names	MBP
UniProt Entry Name	MBP_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mbp-recombinant-protein-e-coli/81624>