Myelin Basic Protein (MBP) Recombinant Protein | MBP recombinant protein

Recombinant Myelin Basic Protein (MBP)

CATALOG #	HOST	APPLICATIONS
AAA151016	**E Coli**	**Western Blot, SDS-Page**

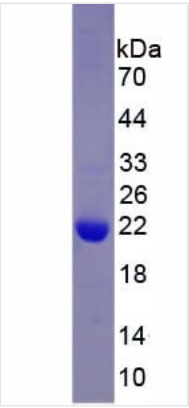
PRODUCT SYNONYMS

Myelin Basic Protein (MBP); Recombinant Myelin Basic Protein (MBP); MBP/Myelin Basic Protein; Myelin A1 protein; Myelin membrane encephalitogenic protein; MBP recombinant protein

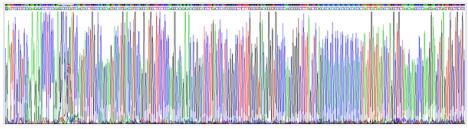
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence	Ala135~Ser 190
Applicable Applications for MBP recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Tag	Two N-terminal Tags, His-tag and SUMO-tag
Expression System	Prokaryotic expression
Organism Species	Human
Isoelectric Point	12.1
Subcellular Location	Membrane, Nucleus
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored. The thermal stability is described by the loss rate. The loss rate was determinedby accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and noobvious degradation and precipitation were observed. The loss rate is less than 5% within theexpiration date under appropriate storage condition.

IMAGES



SDS-PAGE
SDS-PAGE



Sequence
Gene Sequencing (extract

ADDITIONAL INFORMATION

Product Categories/Family for MBP recombinant protein	Infection immunity; Neuro science; Autoimmunity; Prokaryotic recombinant

NCBI AND UNIPROT INFORMATION

NCBI GI #	1162922
NCBI GeneID	4155
UniProt Accession #	P02686; Q15337; Q15338; Q15339; Q15340; A4FU54; A6NI84; A8MY86; A8MYL4; B3KY66; B7ZKS2; B7ZKS4
Molecular Weight	33,117 Da
NCBI Official Full Name	myelin basic protein
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://www.aaabiotech.com/mbp-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/151016