

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

Recombinant Major Basic Protein (MBP)

CATALOG # AAA133893	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS Western Blot, SDS-Page
-------------------------------	-----------------------	---	---

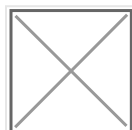
PRODUCT SYNONYMS

Major Basic Protein (MBP); Recombinant Major Basic Protein (MBP); MBP recombinant protein

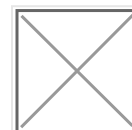
PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 80%
Form/Format	PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Concentration	Original Concentration: 80ug/mL (varies by lot)
Applicable Applications for MBP recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Met100~Lys215
Tags	N-terminal His and GST Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	8.7
Usage	Reconstitute in ddH2O to a concentration of 0.1-0.5 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE


Identification
Gene Sequencing (extract)



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	6679457
NCBI GeneID	19074
NCBI Accession #	NP_032946.1
NCBI GenBank Nucleotide #	NM_008920.4
UniProt Accession #	Q61878
Molecular Weight	Predicted Molecular Mass: 42.9kDa Accurate Molecular Mass: 44kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	bone marrow proteoglycan
NCBI Official Synonym Full Names	proteoglycan 2, bone marrow
NCBI Official Symbol	Prg2
NCBI Official Synonym Symbols	MBP; mMBP; mMBP-1
NCBI Protein Information	bone marrow proteoglycan; BMPG; major basic protein 1
UniProt Protein Name	Bone marrow proteoglycan
UniProt Gene Name	Prg2
UniProt Synonym Gene Names	Mbp-1; BMPG; EMBP; MBP
UniProt Entry Name	PRG2_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/prg2-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/133893>