

High Mobility Group Protein 1 Protein | HMGB1 protein

Eukaryotic High Mobility Group Protein 1 (HMGB1)

CATALOG # AAA150165	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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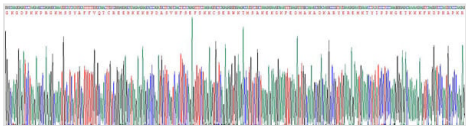
PRODUCT SYNONYMS

High Mobility Group Protein 1; Eukaryotic High Mobility Group Protein 1 (HMGB1); HMG1; HMG3; SBP1; Sulfoglucuronyl Carbohydrate Binding Protein; Amphoterin; High Mobility Group Box 1 Protein; HMGB1 protein

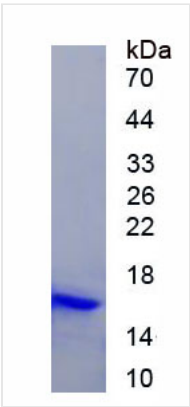
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95%
Form/Format	Freeze-dried powder PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Sequence Positions	Gly2~Arg97
Sequence Length	215
Applicable Applications for HMGB1 protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Eukaryotic expression
Species	Human
Tag	N-terminal His Tag
Subcellular Location	Nucleus, Secreted, Extracellular matrix
Isoelectric Point	10.6
Reconstitution	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. Stability: 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



Gene Sequence
Figure. Gene Sequencing (Extract)



SDS-PAGE
Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for HMGB1 protein	Infection immunity
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4504425
NCBI GeneID	3146
NCBI Accession #	NP_002119.1
NCBI GenBank Nucleotide #	NP_002119.1
UniProt Accession #	P09429
Molecular Weight	Predicted Molecular Mass: 12.8KDa Accurate Molecular Mass: 16kDa
NCBI Official Full Name	high mobility group protein B1 isoform 1
NCBI Official Synonym Full Names	high mobility group box 1
NCBI Official Symbol	HMGB1
NCBI Official Synonym Symbols	HMG1; HMG3; HMG-1; SBP-1
NCBI Protein Information	high mobility group protein B1
UniProt Protein Name	High mobility group protein B1
UniProt Gene Name	HMGB1
UniProt Synonym Gene Names	HMG1; HMG-1
UniProt Entry Name	HMGB1_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.