

High mobility group protein B1 Recombinant Protein | HMGB1 recombinant protein

Recombinant Human High mobility group protein B1

CATALOG #
AAA81615

HOST
E Coli

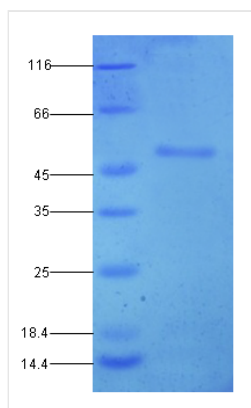
PRODUCT SYNONYMS

High mobility group protein B1; Recombinant Human High mobility group protein B1; High mobility group protein 1; HMG-1; HMGB1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	8-179. Partial.
Sequence	KPRGKMSSYA FFVQTCREEH KKKHPDASVN FSEFSKKCSE RWKTMSAKEK GKFEDMAKAD KARYEREMKT YIPPKGETKK KFKDPNAPKR PPSAFLFCS EYRPKIKGEH PGLSIGDVAK KLGEWNNNTA ADDKQPYEKK AAKLKEKYEK DIAAYRAKGK PDAAKKGVVK AE
Sequence Length	179
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for HMGB1 recombinant protein	DNA binding proteins that associates with chromatin and has the ability to bend DNA. Binds preferentially single-stranded DNA. Involved in V(D)J recombination by acting as a cofactor of the RAG complex. Acts by stimulating cleavage and RAG protein binding at the 23 bp spacer of conserved recombination signal sequences (RSS). Heparin-binding protein that has a role in the extension of neurite-type cytoplasmic processes in developing cells.
Product Categories/Family for HMGB1 recombinant protein	Epigenetics and Nuclear Signaling
References	A human placental cDNA clone that encodes nonhistone chromosomal protein HMG-1.Wen L., Huang J.K., Johnson B.H., Reeck G.R.Nucleic Acids Res. 17:1197-1214(1989)

NCBI AND UNIPROT INFORMATION

NCBI GI #	926459555
NCBI GeneID	3146
NCBI Accession #	NP_001300821.1
NCBI GenBank Nucleotide #	NM_001313892.1
UniProt Accession #	P09429; Q14321; Q5T7C3; Q6IBE1; A5D8W9
Molecular Weight	47.1kD
NCBI Official Full Name	high mobility group protein B1
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.

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Online datasheet: <https://stage.aaabiotech.com/hmgb1-recombinant-protein-e-coli/81615>