

High Mobility Group AT Hook Protein 2 (HMGA2) Recombinant Protein | HMGA2 recombinant protein

Recombinant High Mobility Group AT Hook Protein 2 (HMGA2)

CATALOG # AAA134447	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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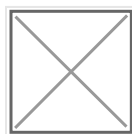
PRODUCT SYNONYMS

High Mobility Group AT Hook Protein 2 (HMGA2); Recombinant High Mobility Group AT Hook Protein 2 (HMGA2); HMGA2 recombinant protein

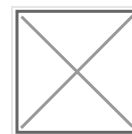
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag, its sequence is listed below. MGSSH HHHHHSSGLV PRGSHMASMT GGQQMGRGSE F-MSARGE GA GQPSTSAQGQ PAAPAPQKRG RGRPRKQQQE PTGEPSPKRP RGRPKGSKNK SPSKAAQKKA EATGEKRPRG RPRKWPQQV V QKKPAQEETE ETSSQESAEE D
Sequence Length	109
Applicable Applications for HMGA2 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Met1~Asp109 (Accession # P52926) with two N-terminal Tags, His-tag and T7-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and 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 of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504431
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NCBI GeneID	8091
NCBI Accession #	NP_003474.1
NCBI GenBank Nucleotide #	NM_003483.4
UniProt Accession #	P52926; Q1M182; Q1M185; Q1M186; Q1M187; Q1M188; E7EP85; E7EWA2
Molecular Weight	15.7kDa
NCBI Official Full Name	high mobility group protein HMGI-C isoform a
NCBI Official Synonym Full Names	high mobility group AT-hook 2
NCBI Official Symbol	HMGA2
NCBI Official Synonym Symbols	BABL; LIPO; HMGIC; HMGI-C; STQTL9
NCBI Protein Information	high mobility group protein HMGI-C; High-mobility group protein HMGI-C; high mobility group AT-hook protein 2; high-mobility group (nonhistone chromosomal) protein isoform I-C
UniProt Protein Name	High mobility group protein HMGI-C
UniProt Gene Name	HMGA2
UniProt Synonym Gene Names	HMGIC
UniProt Entry Name	HMGA2_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/hmga2-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134447>