

Recombinant Mouse Hmga1 Protein, His-tagged

Cat. No. Hmga1-174M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Hmga1(Met1~Gln107) fused with His tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1~Gln107
Description	This locus encodes a member of the nuclear, non-histone high mobility group protein family. This architectural transcription factor binds to A-T rich DNA sequences and participates in enhanceosome formation, chromatin remodeling and regulation of transcription. This protein functions in many cellular processes, including cell growth and differentiation. Alternatively spliced transcript variants have been described.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	13.1kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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 centigrade 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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

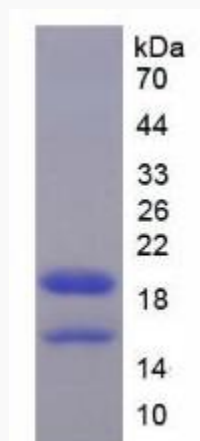
GENE INFORMATION

Gene Name	Hmga1 high mobility group AT-hook 1 [Mus musculus]
Official Symbol	Hmga1
Synonyms	HMGA1; high mobility group AT-hook 1; high mobility group protein HMG-I/HMG-Y; high mobility group protein I; high mobility group protein A1; high mobility group AT-hook protein 1; Hmgi; Hmgy; Hmgiy; Hmga1a; Hmga1b; AL023995; MGC102580;
Gene ID	15361
mRNA Refseq	NM_001025427
Protein Refseq	NP_001020598
UniProt ID	P17095

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