Recombinant Human HMGA1 Protein (Glu3-Gln107), His tagged

Cat. No. HMGA1-3081H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human HMGA1 (Glu3-Gln107) protein fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Glu3-Gln107
Description	HMG-I/Y bind preferentially to the minor groove of A+T rich regions in double-stranded DNA. It is suggested that these proteins could function in nucleosome phasing and in the 3'-end processing of mRNA transcripts. They are also involved in the transcription regulation of genes containing, or in close proximity to A+T-rich regions.
Molecular Mass	13.63 kDa
Purity	>90 % as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.

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Storage Buffer	Supplied as solution form in PBS pH 7.5 or lyophilized from PBS pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	HMGA1 high mobility group AT-hook 1 [Homo sapiens (human)]
Official Symbol	HMGA1
Synonyms	HMGA1; high mobility group AT-hook 1; high mobility group (nonhistone chromosomal) protein isoforms I and Y, HMGIY; high mobility group protein HMG-I/HMG-Y; HMG-I (Y); high mobility group protein R; high mobility group protein A1; nonhistone chromosomal high-mobility group protein HMG-I/HMG-Y; high-mobility group (nonhistone chromosomal) protein isoforms I and Y; HMG-R; HMGIY; HMGA1A; MGC4242; MGC4854; MGC12816;
Gene ID	3159
mRNA Refseq	NM_002131
Protein Refseq	NP_002122
MIM	600701
UniProt ID	P17096

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