Recombinant Human HMGA1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. HMGA1-5529H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	HMGA1 MS Standard C13 and N15-labeled recombinant protein (NP_665911) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a chromatin-associated protein involved in the regulation of gene transcription, integration of retroviruses into chromosomes, and the metastatic progression of cancer cells. The encoded protein preferentially binds to the minor groove of AT-rich regions in double-stranded DNA. Multiple transcript variants encoding different isoforms have been found for this gene. Pseudogenes of this gene have been identified on multiple chromosomes.
Molecular Mass	11.7 kDa
AA Sequence	MSESSSKSSQPLASKQEKDGTEKRGRGRPRKQPPVSPGTALVGSQKEPSEVPTPK RPRGRPKGSKNKGAAKTRKTTTTPGRKPRGRPKKLEKEEEEGISQESSEEEQTRTR PLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

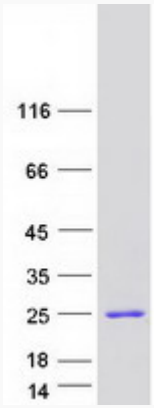
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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

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_145904
Protein Refseq	NP_665911
MIM	600701
UniProt ID	P17096

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SDS-PAGE	

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