

Recombinant Human HMGA2 Protein, GST-tagged

Cat. No. HMGA2-4865H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HMGA2 partial ORF (NP_003474, 1 a.a. - 92 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a protein that belongs to the non-histone chromosomal high mobility group (HMG) protein family. HMG proteins function as architectural factors and are essential components of the enhancosome. This protein contains structural DNA-binding domains and may act as a transcriptional regulating factor. Identification of the deletion, amplification, and rearrangement of this gene that are associated with myxoid liposarcoma suggests a role in adipogenesis and mesenchymal differentiation. A gene knock out study of the mouse counterpart demonstrated that this gene is involved in diet-induced obesity. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq]
Molecular Mass	35.86 kDa
AA Sequence	MSARGEGAGQPSTSAQQQPAAPAPQKRGRGRPRKQQQEPTGEPSPKRPRGRPK GSKNKSPSKAAQKKAATGEKRPRGRPRKWPQQVVQKKP
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

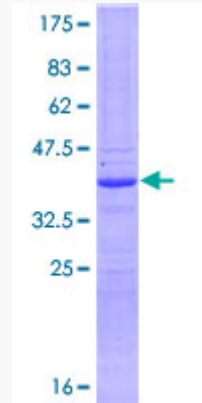
Gene Name	HMGA2 high mobility group AT-hook 2 [Homo sapiens]
Official Symbol	HMGA2
Synonyms	HMGA2; high mobility group AT-hook 2; high mobility group (nonhistone chromosomal) protein isoform I C , HMGIC; high mobility group protein HMGI-C; BABL; LIPO; High-mobility group protein HMGI-C; high mobility group AT-hook protein 2; high-mobility group (nonhistone chromosomal) protein isoform I-C; HMGIC; HMGI-C; STQTL9;
Gene ID	8091
mRNA Refseq	NM_003483
Protein Refseq	NP_003474
MIM	600698
UniProt ID	P52926

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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