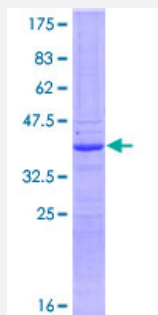


HMGA2 (Human) Recombinant Protein (Q01)

Catalog # H00008091-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human HMGA2 partial ORF (NP_003474, 1 a.a. - 92 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSARGEAGAGQPSTSAQGQPAAPAPQKRGRGRPRKQQQEPTGEPSPKRPRGRPKGSKNKSPSKAAQKKAEATGEKRPRGRPRKWPQQVVQKKP
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.86
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — HMGA2

Entrez GeneID	8091
GeneBank Accession#	NM_003483
Protein Accession#	NP_003474
Gene Name	HMGA2
Gene Alias	BABL, HMGI-C, HMGIC, LIPO, STQTL9
Gene Description	high mobility group AT-hook 2
Omim ID	151900 600698
Gene Ontology	Hyperlink
Gene Summary	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]
Other Designations	High-mobility group protein HMGI-C high-mobility group (nonhistone chromosomal) protein isoform IC

Disease

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- [Diabetes Mellitus](#)
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