

Recombinant Full Length Human HMGB2 Protein, C-Flag-tagged

Cat. No. HMGB2-2002HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human HMGB2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a member of the non-histone chromosomal high mobility group protein family. The proteins of this family are chromatin-associated and ubiquitously distributed in the nucleus of higher eukaryotic cells. In vitro studies have demonstrated that this protein is able to efficiently bend DNA and form DNA circles. These studies suggest a role in facilitating cooperative interactions between cis-acting proteins by promoting DNA flexibility. This protein was also reported to be involved in the final ligation step in DNA end-joining processes of DNA double-strand breaks repair and V(D)J recombination.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	23.9 kDa
AA Sequence	MGKGDPNKPRGKMSSYAFFVQTCREEHKKKHPDSSVNFAEFSKKCSERWKTMSA KEKSKFEDMAKSDKAR YDREMKNYVPPKGDKKGKKKDPNAPKRPPSAFFLFCSEH RPKIKSEHPGLSIGDTAKKLGEWSEQSAKD KQPYEQKAAKLKEYEKDIAAYRAK GKSEAGKKGPGRPTGSKKKNEPEDEEEEEEEEEDEEEEEDEDEE TRTRPLEQKLIS

 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

	EEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Transcription Factors
Full Length	Full L.

GENE INFORMATION

Gene Name	HMGB2 high mobility group box 2 [Homo sapiens (human)]
Official Symbol	HMGB2
Synonyms	HMG2
Gene ID	3148
mRNA Refseq	NM_002129.4
Protein Refseq	NP_002120.1

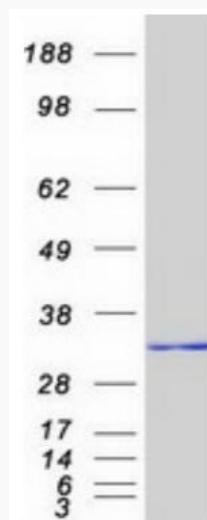
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MIM 163906

UniProt ID P26583



Coomassie blue staining of purified HMGB2 protein.

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