Recombinant Human HMGB2 protein, His-tagged

Cat. No. HMGB2-3598H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HMGB2(1-209aa) fused with His tag at N-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	1-209 a.a.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 30% glycerol, 0.1M NaCl.
Molecular Mass	26.4 kDa (232aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH TGSKARYDREMKN YVPPKGDKKG KKKDPNAPKR PPSAFFLFCS EHRPKIKSEH PGLSIGDTAK KLGEMWSEQS AKDKQPYEQK AAKLKEKYEK MGKGDPN KPRGKMSSYA FFVQTCREEH KKKHPDSSVN FAEFSKKCSE RWKTMSAKEK SKFEDMAKSDDIAAYRAKGK SEAGKKGPGR PTGSKKKNEP EDEEEEEEEE DEDEEEEDED EE
Purity	> 90% by SDS - PAGE
Applications	SDS-PAGE

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Storage	Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	HMGB2 high mobility group box 2 [Homo sapiens]
Official Symbol	HMGB2
Synonyms	HMGB2; high mobility group box 2; high mobility group (nonhistone chromosomal) protein 2 , high mobility group box 2 , HMG2; high mobility group protein B2; HMG-2; high-mobility group box 2; high mobility group protein 2; high-mobility group (nonhistone chromosomal) protein 2; HMG2;
Gene ID	3148
mRNA Refseq	NM_002129
Protein Refseq	NP_002120
MIM	163906
UniProt ID	P26583
Chromosome Location	4q31
Pathway	Activation of DNA fragmentation factor, organism-specific biosystem; Androgen

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	Receptor Signaling Pathway, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis induced DNA fragmentation, organism-specific biosystem; Apoptotic executionphase, organism-specific biosystem;
Function	DNA binding; DNA binding, bending; RAGE receptor binding; chemoattractant activity; damaged DNA binding; double-stranded DNA binding; protein binding; protein domain specific binding; sequence-specific DNA binding transcription factor activity; single-stranded DNA binding; transcription regulatory region DNA binding;

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