Recombinant Human HMGB1, His-tagged

Cat. No. HMGB1-13841H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HMGB1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-215a.a.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	HMGB1 high mobility group box 1 [Homo sapiens]
Official Symbol	HMGB1
Synonyms	HMGB1; high mobility group box 1; high mobility group (nonhistone chromosomal) protein 1 , high mobility group box 1 , HMG1; high mobility group protein B1; Amphoterin; DKFZp686A04236; high mobility group protein 1; HMG3; SBP 1; Sulfoglucuronyl carbohydrate binding protein; HMG-1; high-mobility group box 1;

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	high-mobility group (nonhistone chromosomal) protein 1; HMG1; SBP-1;
Gene ID	3146
mRNA Refseq	NM_002128
Protein Refseq	NP_002119
MIM	163905
UniProt ID	P09429
Chromosome Location	13q12
Pathway	Activated TLR4 signalling, organism-specific biosystem; Activation of DNA fragmentation factor, organism-specific biosystem; Advanced glycosylation endproduct receptor signaling, organism-specific biosystem; Androgen 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; DNA binding, bending; RAGE receptor binding; calcium-dependent protein kinase regulator activity; chemoattractant activity; cytokine activity; cytokine activity; damaged DNA binding; double-stranded DNA binding; protein

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