Active Recombinant Human HMGB1 Protein, His-tagged

Cat. No. HMGB1-526H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HMGB1 Protein (P09429) (Lys57-Asp158) was expressed in E. coli with a polyhistidine tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	57-158 a.a.
Form	Lyophilized Powder
Bio-activity	Immobilized human His-HMGB1 at 10 μg/ml (100 μl/well) can bind AGER-Fc with a linear range of 0.31-2.5 μg/ml.
Molecular Mass	The recombinant human HMGB1 consists of 117 amino acids and predicts a molecular mass of 13.6 KDa. It migrates as an approximately 15 KDa band in SDS-PAGE under reducing conditions.
Purity	> 90 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20 centigrade to -80 centigrade.
Storage Buffer	Lyophilized from sterile PBS, 20% Glycerol, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.

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GENE INFORMATION

Gene Name	HMGB1 high mobility group box 1 [Homo sapiens]
Official Symbol	HMGB1
Synonyms	HMG1; HMG3; HMG-1; SBP-1
Gene ID	3146
mRNA Refseq	NM_002128
Protein Refseq	NP_002119
MIM	163905
UniProt ID	P09429

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