

Product Datasheet

Recombinant Mouse HMGB1/HMG-1 Protein NBP1-42888-0.1mg

Unit Size: 0.1 mg

Store at -80C. Avoid freeze-thaw cycles.

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NBP1-42888-0.1mg

Recombinant Mouse HMGB1/HMG-1 Protein

Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>98%, by SDS-PAGE
Buffer	Sterile liquid; 20 mM Tris-HCl, pH 8.0, 0.2 M NaCl, 1 mM DTT.
Target Molecular Weight	27.6 kDa

Product Description	
Description	Recombinant protein corresponding to Met1-Glu215 of mouse HMGB-1 with an N-terminal His-tag. Accession #: NM_010439. Source: <i>E.coli</i>
Gene ID	3146
Gene Symbol	HMGB1
Species	Mouse
Details of Functionality	The ED50 of this protein, as measured by mouse TNF α induction in RAW264.7 cells, is 3-25 ug/ml in the presence of 10 ug/ml Polymyxin B. This corresponds to a specific activity of 3,300-40 Units/mg.
Endotoxin Note	Less than 0.01 ng/ug cytokine as determined by the LAL assay.

Product Application Details	
Applications	ELISA, Immunoassay, Bioactivity
Recommended Dilutions	ELISA, Immunoassay, Bioactivity
Application Notes	ED50 = 3 - 25 ug/mL as measured by the induction of TNF-alpha expression in RAW264.7 cells in the presence of 10 ug/mL Polymyxin B.

Publications

Wang J, Zhao L, Li Y et al. HuR induces inflammatory responses in HUVECs and murine sepsis via binding to HMGB1. Mol Med Rep 2018-01-01 [PMID: 29115544]





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Products Related to NBP1-42888-0.1mg

NBP2-34960-10ug	Recombinant Human HMGB1/HMG-1 His (C-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]
NB100-2322	HMGB1/HMG-1 Antibody
M6000B-1	IL-6 [HRP]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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