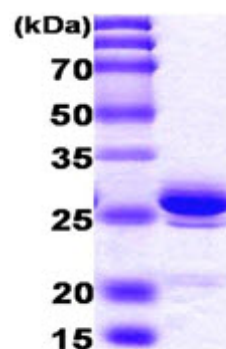


AR03001PU-S

Human HMGB1 (1-215, His-tag) - Purified

Alternate names:	Amphoterin, HMG-1, HMG1, HMGB-1, High mobility group protein 1, High mobility group protein B1
Quantity:	0.1 mg
Concentration:	1.0 mg/ml
Background:	High mobility group box1 protein (HMGB1) is a very abundant chromatin-binding protein residing in the eukaryotic cell nucleus and acting in the assembly of nucleoprotein complexes. Inside the cell, HMGB1 binds to DNA and has a role in transcriptional regulation. Outside the cell, HMGB1 acts as a cytokine and has activities that resemble those of tumor necrosis factor.
Uniprot ID:	P09429
NCBI:	NP_002119.1
GeneID:	3146
Species:	Human
Source:	High Five insect cells
Format:	State: Liquid purified by conventional Chromatography techniques. Purity: >90% pure by SDS-PAGE. Buffer System: 20 mM Tris pH 8.0, 1 mM EDTA, 0.5 mM DTT, 10% Glycerol. Endotoxin Level: < 1.0 EU per 1 µg of protein (determined by LAL method)
Description:	Recombinant human HMGB1 (aa. 1-215) His-tagged. AA Sequence: MGKGDPPKPR GKMSSYAFFV QTCREEHKKK HPDASVNFSE FSKKCSERWK TMSAKEKGKF EDMAKADKAR YEREMKTYIP PKGETKKKFK DPNAPKRPPS AFFLCSEYR PKIKGEHPGL SIGDVAKKLG EMWNNTAADD KQPYEKKA AK LKEYEKDIA AYRAKGKPD AKKGVVKA EK SKKKKEEEED EEDEDEEEEE EDEDEDEEEE DDDDELEHHH HHH Molecular weight: 25 kDa (223 aa)
Add. Information:	NCBI Accession No.: NP_002119
Storage:	Store the antibody undiluted at 2-8°C for 2 weeks or (in aliquots) at -20°C to -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Palumbo R J., et al. (2004) Cell Biol. Feb 2; 164(3): 2. Andersson U., et al (2002) Leukoc Biol. Dec; 72(6):1084-91

Pictures:



15% SDS-PAGE (3ug)

Human HMGB1 (aa 1-215), His-tagged,
Recombinant, Baculovirus: 15% SDS
PAGE (3 μ g)

