

Product datasheet for AR03001PU-S

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

Product data:

Product Type: Recombinant Proteins

Description: HMGB1 (1-215, His-tag) human recombinant protein, 0.1 mg

Species: Human

Expression cDNA Clone

or AA Sequence:

MGKGDPKKPR GKMSSYAFFV QTCREEHKKK HPDASVNFSE FSKKCSERWK TMSAKEKGKF EDMAKADKAR YEREMKTYIP PKGETKKKFK DPNAPKRPPS AFFLFCSEYR PKIKGEHPGL SIGDVAKKLG EMWNNTAADD KQPYEKKAAK LKEKYEKDIA AYRAKGKPDA AKKGVVKAEK

SKKKKEEEED EEDEEDEEEE EDEEDEDEEE DDDDELEHHH HHH

Tag: His-tag
Predicted MW: 25 kDa
Concentration: lot specific

Purity: >90% pure by SDS-PAGE.

Buffer: Presentation State: Purified

State: Liquid purified by conventional Chromatography techniques. Buffer System: 20 mM Tris pH 8.0, 1 mM EDTA, 0.5 mM DTT, 10% Glycerol.

Endotoxin: < 1.0 EU per 1 μg of protein (determined by LAL method)Preparation: Liquid purified by conventional Chromatography techniques.

Protein Description: Recombinant human HMGB1 (aa. 1-215) His-tagged.

Note: 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.

Stability: Shelf life: one year from despatch.

RefSeq: NP 001300821

Locus ID: 3146

UniProt ID: <u>P09429</u>, <u>A0A024RDR0</u>, <u>Q5T7C3</u>

Cytogenetics: 13q12.3

Synonyms: HMG-1; HMG1; HMG3; SBP-1





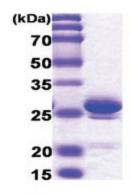
Summary:

This gene encodes a protein that belongs to the High Mobility Group-box superfamily. The encoded non-histone, nuclear DNA-binding protein regulates transcription, and is involved in organization of DNA. This protein plays a role in several cellular processes, including inflammation, cell differentiation and tumor cell migration. Multiple pseudogenes of this gene have been identified. Alternative splicing results in multiple transcript variants that encode the same protein. [provided by RefSeq, Sep 2015]

Protein Families: Druggable Genome, Stem cell - Pluripotency, Transcription Factors

Protein Pathways: Base excision repair

Product images:



15% SDS-PAGE (3ug)