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Datasheet for ABIN666708

HMGB1 Protein (AA 1-215) (His tag)

1 Image

Overview

Quantity:	100 µg
Target:	HMGB1
Protein Characteristics:	AA 1-215
Origin:	Human
Source:	Hi-5 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HMGB1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	HMGB1, 1-215 aa, Human, His tagged, Recombinant, Baculovirus
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	HMGB1
Alternative Name:	HMGB1 (HMGB1 Products)
Background:	<p>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.</p> <p>Recombinant human HMGB1 was expressed in High Five insect cells and purified by</p>

Target Details

conventional chromatography techniques. Synonyms: HMG1, HMG3, SBP-1, High-mobility group box1, HMGB1, High-mobility group box1, high-mobility group (nonhistone chromosomal) protein 1, Sulfoglucuronyl carbohydrate binding protein, Amphoterin, high mobility group protein 1, DKFZp686A04236. NCBI no.: NP_002119

Molecular Weight: 25kDa (223aa), confirmed by MALDI-TOF.

Pathways: [p53 Signaling](#), [Regulation of Muscle Cell Differentiation](#), [Skeletal Muscle Fiber Development](#), [Positive Regulation of Endopeptidase Activity](#), [Regulation of Carbohydrate Metabolic Process](#), [Toll-Like Receptors Cascades](#), [Smooth Muscle Cell Migration](#), [Inflammasome](#)

Application Details

Restrictions: For Research Use only

Handling

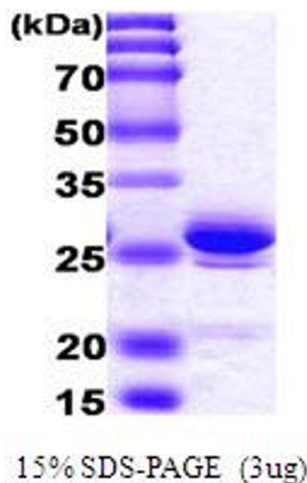
Format: Liquid

Concentration: 1 mg/ml (determined by Bradford assay)

Buffer: Liquid in 20mM Tris pH 8.0, 1mM EDTA, 0.5mM DTT, 10% glycerol.

Storage: 4 °C

Images



SDS-PAGE

Image 1.