

Datasheet for ABIN7607153

HMGB1 Protein (AA 1-215) (His tag)[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	HMGB1
Protein Characteristics:	AA 1-215
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This HMGB1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), ELISA, Immunogen (Imm), Activity Assay (AcA)

Product Details

Purpose:	Recombinant Human HMGB1 Protein, C-His (Active)
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by its binding ability in a functional ELISA. Immobilized human HMGB1 (Cat #: AHC40301) at 2µg/mL (100 µL/well) can bind human AGER/RAGE with a linear range of 0.1-42.8 ng/mL.

Target Details

Target:	HMGB1
---------	-------

Target Details

Alternative Name:	High mobility group protein B1 (HMGB1 Products)
Background:	High mobility group protein B1, HMGB1, HMG1, HMG-1, High mobility group protein 1
UniProt:	P09429
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

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months