Datasheet for ABIN7318583

HMGB2 Protein (His tag)

Go to Product page

Overview

Quantity:	50 µg
Target:	HMGB2
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HMGB2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human HMGB2 Protein (His Tag)
Sequence:	Gly2-Glu209
Characteristics:	Recombinant Human High Mobility Group Protein B2 is produced by our Mammalian expression system and the target gene encoding Gly2-Glu209 is expressed with a 6His tag at the C-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	HMGB2
Alternative Name:	HMGB2 (HMGB2 Products)
Background:	Background: High Mobility Group Protein B2 (HMGB2) belongs to the non-histone chromosomal high-mobility group protein family. Members of this family are chromatin-

Target Details

	associated and widely spread in the nucleus of higher eukaryotic cells. HMGB2 contains 2 HMG box DNA-binding domains. It is associated with chromatin and has the ability to bend DNA, preferentially single-stranded DNA. It is shown that HMGB2 is able to efficiently bend DNA and form DNA circles. In addition, HMGB2 is involved in the final ligation step in DNA end-joining processes of DNA double-strand breaks repair and V(D)J recombination. Synonym: High Mobility Group Protein B2, High Mobility Group Protein 2, HMG-2, HMGB2, HMG2
Molecular Weight:	25.1 kDa
UniProt:	P26583
Pathways:	Cellular Response to Molecule of Bacterial Origin

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB,150 mM NaCl, pH 7.2.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.