
HMGB1, 1-215 aa, Human, His tagged, Recombinant, Baculovirus

Cat.NO.: TP02468

3th Edition

Synonyms:High-mobility group box1, HMG1, HMG3, SBP-1

Description: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.

Form:Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 0.5 mM DTT,1 mM EDTA, 10% glycerol

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

Sequences:

MGKGDPPKPRGKMSSYAFFVQTCREEHKKKHPDASVNFSEFSKKCSERWKTMSAKEKGKFEDMAKADKARYER
EMKTYIPPKGETKKKFKDPNAPKRPPSAFFLFCSEYRPKIKGEHPGLSIGDVAKKLGEMWNNTAADDKQPYEKKAA
KLKEYEKDIAAYRAKGPDAAKGGVVKAESKKKKKEEEDEEDEDEEEDEEDEDEDEDEDEDEDEDEDEDEDDDELEHHHHHH

Purity:> 95% by HPLC

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

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.