

Recombinant Human High Mobility Group Protein B1/HMGB1 Protein(C-6His)

Cat.NO.: TP04764

3th Edition

Synonyms:High Mobility Group Protein B1; High Mobility Group Protein 1; HMG-1; HMGB1; HMG1

Description:High mobility group protein B1 is a member of the HMGB family consisting of three members, HMGB1, HMGB2 and HMGB3.It Contains 2 HMG box DNA-binding domains entitled box A and box B and It is a highly negative-charged C terminus. As a nuclear protein, HMGB1 stabilizes nucleosomes and allows bending of DNA that facilitates gene transcription which is essential for individual survival. Meanwhile, it is revealed that HMGB1 can also act as a cytokine extracellularly and regulates monocyte, T cell, dendritic cell activities in inflammatory responses.

Form:PBS

Molecular Weight:25.9 kDa

Sequences:Gly2-Glu215

Purity:> 95% by HPLC

Concentration:

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.