
Recombinant Human High Mobility Group Protein B1/HMGB1 Protein(N-MARI)**Cat.NO.: TP05270**

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:**10.0 kDa**Sequences:**Pro92-Val176**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.