

Recombinant Human High Mobility Group Protein B2/HMGB2 Protein(C-6His)

Cat.NO.: TP05732

3th Edition

Synonyms:High Mobility Group Protein B2; High Mobility Group Protein 2; HMG-2; HMGB2; HMG2

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

Form:PBS

Molecular Weight:25.1 kDa

Sequences:Gly2-Glu209

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.