

HMGB2, 1-209aa, Human, His tag, Baculovirus

Cat.NO.: TP02469

3th Edition

Synonyms:High mobility group protein B2, HMG2

Description:High mobility group protein B2, also known as HMGB2, is a member of the non-histone chromosomal high-mobility group protein family. The proteins of this family are chromatin-associated and ubiquitously distributed in the nucleus of higher eukaryotic cells. In vitro studies have demonstrated that this protein is able to efficiently bend DNA and form DNA circles. These studies suggest a role in facilitating cooperative interactions between cisacting proteins by promoting DNA flexibility.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 30% glycerol, 0.1M NaCl

Molecular Weight:26.4 kDa (232aa)

Sequences:

MGSSHHHHHSSGLVPRGSHTGSMGKGDPNKPRGKMSSYAFFVQTCREEHKKKHPDSSVNFAEFSKKCSERWK
TMSAKEKSKFEDMAKSDKARYDREMKNYVPPKGDKKGKKKDPNAPKRPPSAFFLFCSEHRPKIKSEHPGLSIGDT
AKKLGEMWSEQSAKDKQPYEQKAAKLKEKYEKDIAAYRAKKGKSEAGKKGPGRPTGSKKKNEPEDEEEEEEEDE
DEEEDEDEE

Purity:> 95% by HPLC

Concentration:0.5 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.