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32-7326: Recombinant Human High Mobility Group Protein B1/HMGB1 (C-6His)

Gene : HMGB1
Gene ID : 3146
Uniprot ID : P09429

Description

Source: Human Cells.
MW :25.93kD.
Recombinant Human High Mobility Group Protein B1 is produced by our Mammalian expression system and the target gene encoding Gly2-Glu215 is expressed with a 6His tag at the C-terminus. 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 extracellularlly and regulates monocyte, T cell, dendritic cell activities in inflammatory responses.

Product Info

Amount :	10 µg / 50 µg
Content :	Supplied as a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, 1mM EDTA, 1mM DTT, 10% Glycerol, pH 7.4.
Storage condition :	Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid :	GKGDPKKPRGKMSSYAFFVQTCREEHKKKHPDASVNFSEFSKKCSERWKTMSAKEKGKFEDMAKADKARYER EMKTYIPPKGETKKKFKDPNAPKRPPSAFFLFCSEYRPKIKGEHPGLSIGDVAKKLGEMWNNTAADDKQPYEKK AAKLKEKYEKDIAAYRAKGKPDAAKKGVVKAEKSKKKKEEEEDEEDEEDEEEEEDEEDEDEEEDDDDEVDHHH HHH

Application Note

Endotoxin : Less than 0.1 ng/Ã□Âµg (1 IEU/Ã□Âµg) as determined by LAL test.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.