

High-Mobility Group Box 1 Human Recombinant, Hi-5

Item Number	rAP-3449
Synonyms	HMG1, HMG3, SBP-1, Amphoterin, HMGB1, High-Mobility Group Box 1.
Description	HMG1 Human Recombinant fused to an 8 aa His-Tag at C-terminus produced in High Five insect cells is a single, glycosylated, polypeptide chain (amino acids 1-215) containing 223 amino acids and having a molecular mass of 25 kDa. The HMGB1 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P09429
Amino Acid Sequence	MGKGDPKKPR GKMSYAFFV QTCREEHKKK HPDASVNFSE FSKKCSERWK TMSAKEKGKF ED- MAKADKAR YEREMKTYIP PKGETKKKFK DPNAPKRPPS AFFLFCSEYR PKIKGEHPGL SIGDVAKKLG EMWNNNTAADD KQPYEKKA AK LKEKYEKDIA AYRAKGGKPA AKKGVVKA EK SKKKKEEEEE EDEEE- DEEEE EDEEDEEEEE DDDDELEHHH HHH.
Source	Hi-5 Insect Cells.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The HMG1 solution (1mg/ml) contains 20mM Tris-HCl pH-8, 1mM EDTA, 0.5mM DTT and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**