

High-Mobility Group Box 2 Human Recombinant

Item Number	rAP-3452
Synonyms	High mobility group (nonhistone chromosomal) protein B2, h mobility group box 2, HMG2.
Description	HMGB2 Human Recombinant produced in Baculovirus is a single polypeptide chain containing 232 amino acids (1-209) and having a molecular mass of 26.4 kDa. The HMGB2 is fused to a 23 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	P26583
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH TGSMGKGDPN KPRGKMSSYA FFVQTCREEH KKKHPDSSVN FAEFSKKCSE RWKTMSAKEK SKFEDMAKSD KARYDREMKN YVPPKGDKKG KKKDPNAPKR PPSAF- FLFCS EHRPKIKSEH PGLSIGDTAK KLGEMWSEQS AKDKQPYEQK AAKLKEKYEK DIAAYRAK GK SEAGKKGPGR PTGSKKKNEP EEEEEEEEE DEEEEEDEE EE.
Source	Baculovirus.
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 HMGB2 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.1M NaCl and 30% 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**