9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-3974: HMGB2 Recombinant Protein

Alternative Name : High mobility group (nonhistone chromosomal) protein B2,h mobility group box 2,HMG2.

Description

Source : Baculovirus. 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. HMGB2 belongs to the non-histone chromosomal high-mobility group protein family which are chromatin-associated and highly spread in the nucleus of higher eukaryotic cells. HMGB2 can successfully bend DNA and form DNA circles which indicates that HMGB2 facilitates cooperative interactions between cis-acting proteins by promoting DNA flexibility. Additionally, HMGB2 takes part in the final ligation step in DNA end-joining processes of DNA double-strand breaks repair and V(D)J recombination.

Product Info

Amount :	20 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	The HMGB2 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.1M NaCl and 30% glycerol.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH TGSMGKGDPN KPRGKMSSYA FFVQTCREEH KKKHPDSSVN FAEFSKKCSE RWKTMSAKEK SKFEDMAKSD KARYDREMKN YVPPKGDKKG KKKDPNAPKR PPSAFFLFCS EHRPKIKSEH PGLSIGDTAK KLGEMWSEQS AKDKQPYEQK AAKLKEKYEK DIAAYRAKGK SEAGKKGPGR PTGSKKKNEP EDEEEEEEEE DEDEEEEDED EE.