9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

HMGB2 Human

High-Mobility Group Box 2 Human Recombinant
RCP1035

Product Overview

Name	HMGB2 Human
Description	
High-Mobility Group Box 2 Human Recombinant	
Accession (Primary)	P26583
Synonyms	
High mobility group (nonhistone chromosomal) protein B2, h mobility group box 2, HMG2.	
Introduction	
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.	
Source	
Baculovirus.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The HMGB2 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT, 0.1M NaCl and 30% glycerol.	
Stability	
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.	
Purity	
Greater than 90% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH TGS MGKGDPN KPRGKMSSYA FFVQTCREEH KKKHPDSSVN FAEFSKKCSE RWKTMSAKEK SKFEDMAKSD KARYDREMKN YVPPKGDKKG KKKDPNAPKR PPSAFFLFCS EHRPKIKSEH PGLSIGDTAK KLGEMWSEQS AKDKQPYEQK AAKLKEKYEK DIAAYRAKGK SEAGKKGPGR PTGSKKKNEP EDEEEEEEEE DEDEEEEDED EE.	

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Precautions

HMGB2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P26583)