9051 Mira Mesa Blvd, #910094
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HMGN1 Human

High-Mobility Group Nucleosome Binding Domain 1 Human Recombinant
RCP1037

Product Overview

Name	HMGN1 Human
Description	
High-Mobility Group Nucleosome Binding Domain 1 Human Recombinant	
Accession (Primary)	P05114
Synonyms	
HMG14, GC104230, High-Mobility Group Nucleosome Binding Domain 1.	
Introduction	
HMGN1 binds to the inner side of the nucleosomal DNA therefore changing the interaction between the DNA and the histone octamer. HMGN1 participates in the development which maintains transcribable genes in an exceptional chromatin conformation. HMGN1 inhibits the phosphorylation of nucleosomal histones H3 and H2A by RPS6KA5/MSK1 and RPS6KA3/RSK2.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
HMGN1 protein solution (0.5mg/ml) containing 20mM Tris-HCl pH-8, 1mM DTT, 0.1M NaCl, 0.1mM PMSF & 20% 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 95% as determined by SDS-PAGE.	
Amino acid sequence	
MPKRKVSSAE GAAKEEPKRR SARLSAKPPA KVEAKPKKAA AKDKSSDKKV QTKGKRGAKG KQAEVANQET KEDLPAENGE TKTEESPASD EAGEKEAKSD LEHHHHHH .	
Precautions	
HMGN1 Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (P05114)