
Product Data Sheet

Product Name: HMGB3 Human
 Cat. No.: GP23660
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	High Mobility Group Box 3; High-Mobility Group (Nonhistone Chromosomal) Protein 4; Non-Histone Chromosomal Protein; High Mobility Group Protein B3; High Mobility Group Protein 4; HMG-2a; HMG-4.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMAGDPK KPKGKMSAYA FFVQTCREEH KKKNPEVPVN FAEFSKKCSE RWKTMSGKEK SKFDEMAKAD KVRDREMMD YGPAKGGKKK KDPNAPKRPP SGFFLFCSEF RPKIKSTNPG ISIGDVAKKL GEMWNNLNDS EKQPYITKAA KLKEYEKDV ADYKSKGKFD GAKGPAKVAR KKV.		
Formulation	The HMGB3 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 10% glycerol.		

Introduction

HMGB3 is a member of the high mobility group (HMG) protein superfamily. HMGB3 holds DNA-binding HMG box domains, as do HMG1 and HMG2, and like the rest of the HMG protein superfamily members has a vital part in DNA replication, transcription and nucleosome assembly.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks.

Background

HMGB3 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 203 amino acids (1-180) and having a molecular mass of 22.8kDa.

Caution: Product has not been fully validated for medical applications. For research use only.

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