9051 Mira Mesa Blvd, #910094
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Tel: 760-390-3989

HMGB3 Human

High-Mobility Group Box 3 Human Recombinant
RCP1036

Product Overview

Name	HMGB3 Human

Description

High-Mobility Group Box 3 Human Recombinant

Accession (Primary)	O15347

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.

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.

Source

Escherichia Coli.

Physical Appearance

Sterile filtered colorless solution.

Formulation

The HMGB3 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 10% 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 85% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS MAKGDPK KPKGKMSAYA FFVQTCREEH KKKNPEVPVN FAEFSKKCSE RWKTMSGKEK SKFDEMAKAD KVRYDREMKD YGPAKGGKKK KDPNAPKRPP SGFFLFCSEF RPKIKSTNPG ISIGDVAKKL GEMWNNLNDS EKQPYITKAA KLKEKYEKDV ADYKSKGKFD GAKGPAKVAR KKV.

Precautions

HMGB3 Human is for research use only and not for use in diagnostic or therapeutic procedures.

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Target Information: (O15347)