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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

HMGB2 (Human) Recombinant Protein

Catalog Number: H00003148-H01

Regulation Status: For research use only (RUO)

Product Description: Purified HMGB2 (NP_002120.1, 1 a.a. - 209 a.a.) human recombinant protein with His-Flag-StrepII tag at N-terminus expressed in human cells.

Transfected Cell Line: Human HEK293T cells

Sequence:

MGKGDPNKPRGKMSSYAFFVQTCREEHKKKHPDSSV
NFAEFSKKCSERWKTMSAKEKSKFEDMAKSDKARYD
REMKNYVPPKGDKKGKKKDPNAPKRPPSAFFLFCSE
HRPKIKSEHPGLSIGDTAKKLGEMWSEQSAKDKQPYE
QKAAKLKEKYEKDIAAYRAKGKSEAGKKGPGRPTGSK
KKNEPEDEEEEEEEEEDEEEEEDEDEE

Host: Human

Theoretical MW (kDa): 29.28

Applications: ELISA, PI, SDS-PAGE, WB
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Preparation Method: Transfection of pSuper-HMGB2 plasmid into HEK293T cell, and the expressed protein was purified by *Strep*-Tactin affinity column.

Purification: *Strep*-Tactin affinity columns

Concentration: ? 10 ug/ml

Activity: Not Tested

Storage Buffer: 100 mM Tris-HCl pH 8.0, 150 mM NaCl, 1 mM EDTA, and 5 mM desthiobiotin.

Storage Instruction: Store at -80°C. Aliquot to avoid

repeated freezing and thawing.

Entrez GeneID: 3148

Gene Symbol: HMGB2

Gene Alias: HMG2

Gene Summary: This gene encodes a member of the non-histone chromosomal high mobility group protein family. The proteins of this family are chromatin-associated and ubiquitously distributed in the nucleus of higher eukaryotic cells. In vitro studies have demonstrated that this protein is able to efficiently bend DNA and form DNA circles. These studies suggest a role in facilitating cooperative interactions between cis-acting proteins by promoting DNA flexibility. This protein was also reported to be involved in the final ligation step in DNA end-joining processes of DNA double-strand breaks repair and V(D)J recombination. [provided by RefSeq]