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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

HMGB1 (Human) Recombinant Protein (P01)

Catalog Number: H00003146-P01

Regulation Status: For research use only (RUO)

Product Description: Human HMGB1 full-length ORF (AAH03378.1, 1 a.a. - 215 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MGKGDPPKPRGKMSSYAFFVQTCREEHKKKHPDASV
NFSEFSKKCSERWKTMSAKEKGFEDMAKADKARYE
REMKYIPPKGETKKKFKDPNAPKRPPSAFFLFCSEYR
PKIKGEHPGLSIGDVAKKLGEMWNNTAADDKQPYEKK
AAKLKEYEKDIAAYRAKGPDAAKKGVVKAESKSKK
KEEEEEDEEDEEEEEDEEDEDEEEDDDDE

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 49.39

Applications: AP, Array, ELISA, WB-Re
(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

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 3146

Gene Symbol: HMGB1

Gene Alias: DKFZp686A04236, HMG1, HMG3, SBP-1

References:

1. IL-1 ?/HMGB1 Signaling Promotes the Inflammatory

Cytokines Release via TLR S ignaling in Human Intervertebral Disc C ells. Fang F, Jiang D. Biosci Rep. 2016 Aug 10. [Epub ahead of print]
2. Ameliorative effect of a rarely occurring C-methylrotenoid on HMGB1-induced septic responses in vitro and in vivo. Yang EJ, Lee W, Song KS, Bae JS. Biochem Pharmacol. 2016 Apr 19. [Epub ahead of print]
3. Flavanones and Chromones from Salicornia herbacea Mitigate Septic Lethality via Restoring Vascular Barrier Integrity. Tuan NQ, Lee W, Oh J, Kulkarni RR, G?ny C, Jung B, Kang H, Bae JS, Na M. J Agric Food Chem. 2015 Oct 31.