

Recombinant Human HMGB3 Protein, GST-tagged

Cat. No. HMGB3-4872H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HMGB3 full-length ORF (NP_005333.2, 1 a.a. - 200 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	HMGB3 belongs to the high mobility group (HMG) protein superfamily. Like HMG1 (MIM 163905) and HMG2 (MIM 163906), HMGB3 contains DNA-binding HMG box domains and is classified into the HMG box subfamily. Members of the HMG box subfamily are thought to play a fundamental role in DNA replication, nucleosome assembly and transcription (Wilke et al., 1997 [PubMed 9370291]; Nemeth et al., 2006 [PubMed 16945912]).[supplied by OMIM
Molecular Mass	49.4 kDa
AA Sequence	MAKGDPKKPKGKMSAYAFFVQTCREEHKKKNPEVPVNFAEFSKKCSERWKTMSGK EKSKFDEMAKADKVRDREM KDYGPAKG GKKKKDPNAPKRPPSGFFLCSEFRPKI KSTNPGISIGDVAKKLGE MWNLN DSEKQPYITKA AKLKEKYEKDVADYKSKGKFDG AKGPAKVARKKVEEEDEEEEEEEEEEEEEEEDE
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	HMGB3 high mobility group box 3 [Homo sapiens]
Official Symbol	HMGB3
Synonyms	HMGB3; high mobility group box 3; high mobility group (nonhistone chromosomal) protein 4 , high mobility group box 3 , HMG4; high mobility group protein B3; HMG2A; MGC90319; non histone chromosomal protein; high-mobility group box 3; high mobility group protein 4; high mobility group protein 2a; non-histone chromosomal protein; high-mobility group (nonhistone chromosomal) protein 4; HMG4; HMG-4; HMG-2a;
Gene ID	3149
mRNA Refseq	NM_005342
Protein Refseq	NP_005333
MIM	300193
UniProt ID	O15347

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