Recombinant Human HMGB1 protein, *E. coli*

Cat#   P0012E

Storage at -20℃

INTFORMATION

Product Name	Recombinant Human HMGB1 protein, *E. coli*
Product Type	Recombinant Protein
Cat NO.	P0012E
Size	100 µg
Species	Human
Gene Names	HMGB1
Protein Names	High mobility group protein B1
Expression Region	MGB1 is expressed as a 30 kDa, 215 amino acid (aa) single chain polypeptide containing three domains: two N-terminal globular, 70 aa positively charged DNA-binding domains (HMG boxes A and B), and a negatively charged 30 aa C-terminal region that contains only Asp and Glu.4, 5 Residues 27 - 43 and 178 - 184 contain a NLS.
Sequence	MGKGDPKKPRGKMSSYAFFVQTCREEHKKKHPDASVNFSEFSKKCSERWKTMSAKEKGKFEDMAKADKAR YEREMKTYIPPKGETKKKFKDPNAPKRPPSAFFLFCSEYRPKIKGEHPGLSIGDVAKKLGEMWNNTAADDKQP YEKKAAKLKEKYEKDIAAYRAKGKPDAAKKGVVKAEKSKKKEEEEDEEDEEDEEEEEDEEDEDEEEDDDDELEH HHHHH.
Source	*E. coli*
Purity	>95% (SDS-PAGE)
Storage	Lyophilized HMGB1 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution HMGB1 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.
Tag	6X His tag
Alias	HMG1, HMG3, SBP-1, Amphoterin, HMGB1, High-Mobility Group Box 1.

PRODUCT USE LIMITATION

These products are intended for research use only.

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