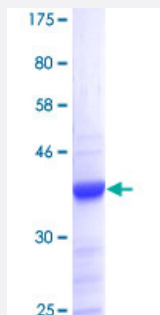


HMGB1 (Human) Recombinant Protein (Q01)

Catalog # H00003146-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human HMGB1 partial ORF (NP_002119, 1 a.a. - 90 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MGKGDPKKPRGKMSSYAFFVQTCREEHKKKHPDASVNFSEFSKKCSERWKTMSAKEKGKFED MAKADKARYEREMKTYPPKGETKKKFK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	35.64
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
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.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — HMGB1

Entrez GeneID	3146
GeneBank Accession#	NM_002128
Protein Accession#	NP_002119
Gene Name	HMGB1
Gene Alias	DKFZp686A04236, HMG1, HMG3, SBP-1
Gene Description	high-mobility group box 1
Omim ID	163905
Gene Ontology	Hyperlink
Other Designations	Amphoterin OTTHUMP00000018199 OTTHUMP00000190860 Sulfoglucuronyl carbohydrate binding protein high mobility group box 1 high mobility group protein 1 high-mobility group (nonhistone chromosomal) protein 1

Pathway

- [Base excision repair](#)

Disease

- [Bone Marrow Neoplasms](#)
- [Genetic Predisposition to Disease](#)

- [Graft vs Host Disease](#)
- [Hematologic Neoplasms](#)
- [Puerperal Disorders](#)
- [Recurrence](#)
- [Sepsis](#)
- [Streptococcal Infections](#)
- [Systemic Inflammatory Response Syndrome](#)