

## Recombinant human High mobility group protein B1

Catalog No: #AP71729



Package Size: #AP71729-1 20ug #AP71729-2 100ug #AP71729-3 1mg

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

## Description

Product Name	Recombinant human High mobility group protein B1
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:8-179aaSequence Info:Partial
Other Names	High mobility group protein 1 ;HMG-1
Accession No.	P09429
Uniprot	P09429
GenID	3146;
Calculated MW	46.7 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	KPRGKMSSYAFFVQTCREEHKKKHPDASVNFSEFSKKCSERWKTMSAKEKGFEDMAKADKARYEREMKT YIPPKGETKKKFKDPNAPKRPPSAFFLFCSEYRPKIKGEHPGLSIGDVAKKLGEMWNNTAADDKQPYEKKA LKEKYEKDIAAYRAKGPDAAKKGVVKA
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.  Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

DNA binding proteins that associates with chromatin and has the ability to bend DNA. Binds preferentially single-stranded DNA. Involved in V(D)J recombination by acting as a cofactor of the RAG complex. Acts by stimulating cleavage and RAG protein binding at the 23 bp spacer of conserved recombination signal sequences (RSS). Heparin-binding protein that has a role in the extension of neurite-type Cytoplasmic domain processes in developing cells .

## References

A human placental cDNA clone that encodes nonhistone chromosomal protein HMG-1.Wen L., Huang J.K., Johnson B.H., Reeck G.R.Nucleic Acids Res. 17:1197-1214(1989)Research Topic:Epigenetics and Nuclear Signaling

Note: This product is for in vitro research use only