

High Molecular Weight Kininogen (HMWK) Recombinant Protein | HMWK recombinant protein

Recombinant High Molecular Weight Kininogen (HMWK)

CATALOG # AAA134106	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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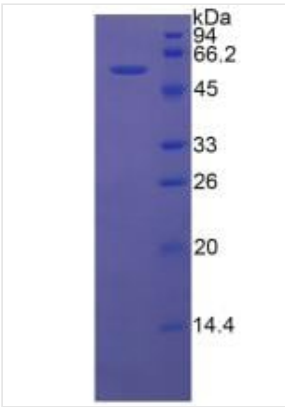
PRODUCT SYNONYMS

High Molecular Weight Kininogen (HMWK); Recombinant High Molecular Weight Kininogen (HMWK); HMWK recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandGST-t ag,itssequ enceislist edbelow. MSPILGYW KIKGLVQPTR LLEYLEEKY EEHLIERDEG DKWRNKKFEL GLEFPNLPYY IDGDVKLTQS MAIRYIADK HNMLGGCPKE RAEISMLEGA VLDIRYGVSR IAYSKDFETL KVDFLSKLPE MLKMFEDRLC HKTYLNGDHV THPDFMLYDA LDVVLYMDPM CLDAFPKLVC FKKRIEAIQ IDKYLKSSKY IAWPLQGWWA TFGGGDHPPK SDGSTSGSGH HHHHHSAGLV PRGSTAIGMK ETAAAKFERQ HMDSPDLGTL EVLFQGPLGS EF-LHEDCVP LPSGDDGECK GNAFVDIHT IAGFSDSCEF YPGDDLFE LL PEDCPGCPRN IPVDSPELKE ALGHSIAQLN AENNHTFYFK IDTVKKATSQ VVAGTKYVIE FIARETKCSK ESNAELTADC ETKRLGQSLN CNANVYMRPW ENKVVPVKC KVLDMTSVIR RPPGFSPFRA PRVKKPKEST TVSPSYIARV QEERDPGNEQ GPIHGHGWLH AKQIKNKNHQ GHKHGHGIGH GHQKPHGLGH GHQLKLDDLK QQRED
Sequence Length	639
Applicable Applications for HMWK recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Rattus norvegicus (Rat)
Expression System	Prokaryotic expression
Residues	Leu214~Asp475 (Accession # P08934) with two N-terminal Tags, His-tag and GST-tag
Subcellular Location	Secreted, extracellular
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	6.5
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.

IMAGES



LHEDCVP LPSGDDGECK GNAFVDIHK IAGFSDSCEF
YPGDDLFE LL PEDCPGCPRN IPVDSPELKE ALGHSIAQLN AENNHTFYFK
IDTVKKATSQ VVAGTKYVIE FIARETKCSK ESNAELTADC ETKRLGQSLN
CNANVYMRPW ENKVVPVKC KVLDMTSVIR RPPGFSPFRA PRVKKPKEST
TVSPSYIARV QEERDPGNEQ GPIHGHGWLH AKQIKNKNHQ GHKHGHGIGH
GHQKPHGLGH GHQLKDDLK QQRED

Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	7549773
NCBI GeneID	25087
NCBI Accession #	NP_036873.1
NCBI GenBank Nucleotide #	NM_012741.1
UniProt Accession #	P08934; P08933
Molecular Weight	61.1kDa
NCBI Official Full Name	kininogen-1 isoform 1
NCBI Official Synonym Full Names	kininogen 2
NCBI Official Symbol	Kng2
NCBI Official Synonym Symbols	Kng1; Kngk; KINKG; KINKH
NCBI Protein Information	kininogen-1; K-kininogen
UniProt Protein Name	Kininogen-1
UniProt Gene Name	Kng1
UniProt Synonym Gene Names	Kng
UniProt Entry Name	KNG1_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/kng1-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134106>