

Kallikrein 4/KLK4 Recombinant Protein | KLK4 recombinant protein

Recombinant Human Kallikrein 4/KLK4 Protein (C-6His)

CATALOG #
AAA174021

HOST
Human Cells

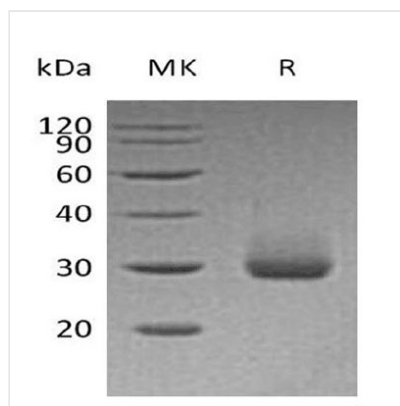
PRODUCT SYNONYMS

Kallikrein 4/KLK4; Recombinant Human Kallikrein 4/KLK4 Protein (C-6His); Kallikrein-4; Enamel Matrix Serine Proteinase 1; Kallikrein-Like Protein 1; KLKL1; Prostase; Serine Protease 17; KLK4; EMSP1; PRSS17; PSTS; AI2A1; ARM1; EMSP; kallikrein; KLK-L1; KLK4 recombinant protein

PRODUCT SPECIFICATIONS

Host	Human Cells
Purity/Purification	> 95 % as determined by reducing SDS-PAGE.
Form/Format	Lyophilized from a 0.2 um filtered solution of 20mM TrisHCl, 150mM NaCl, pH 8.0.
Sequence Positions	Ser27-Ser254 (His197Gln)
Sequence Length	159
Species	Human
Endotoxin	< 1.0 EU per ug as determined by the LAL method.
Tag	C-6His
Reconstitution	We recommend that the vial be centrifuged to opening to bring the contents to the bottom. Do not mix by vortex. It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25mg/mL. Concentration is measured by UV-Vis.
Preparation and Storage	Lyophilized proteins are stable for up to 12 months when stored at -20 to -80 degree C. Reconstituted protein solution can be stored at 4-7 degree C for 2-7 days. Aliquots of reconstituted samples are stable at < -20 degree C for 3 months.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for KLK4 recombinant protein	Kallikreins are a subgroup of serine proteases having diverse physiological functions. Growing evidence suggests that many Kallikreins are implicated in carcinogenesis and some have potential as novel cancer and other disease biomarkers. This gene is one of the fifteen members of the Kallikrein subfamily located in a cluster on chromosome 19. Its encoded protein is secreted and may play a role in suppression of tumorigenesis in breast and prostate cancers. Alternate splicing of this gene results in multiple transcript variants encoding the same protein.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	729042255
NCBI GeneID	9622
NCBI Accession #	NP_001289890.1
NCBI GenBank Nucleotide #	NM_001302961.1
UniProt Accession #	Q9Y5K2; Q4VB16; Q96RU5; Q9GZL6; Q9UBJ6
Molecular Weight	Mol_Mass: 25.4 kDa AP_Mol_Mass: 25-32 kDa
NCBI Official Full Name	kallikrein-4 isoform 2
NCBI Official Synonym Full Names	kallikrein related peptidase 4
NCBI Official Symbol	KLK4
NCBI Official Synonym Symbols	ARM1; EMSP; PSTS; AI2A1; EMSP1; KLK-L1; PRSS17; kallikrein
NCBI Protein Information	kallikrein-4
UniProt Protein Name	Kallikrein-4
UniProt Gene Name	KLK4
UniProt Synonym Gene Names	EMSP1; PRSS17; PSTS; KLK-L1

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/klk4-recombinant-protein-human-cells/174021>