

Serine Peptidase Inhibitor Kazal Type 5 (SPINK5) Recombinant Protein | SPINK5 recombinant protein

Recombinant Serine Peptidase Inhibitor Kazal Type 5 (SPINK5)

CATALOG # AAA133996	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
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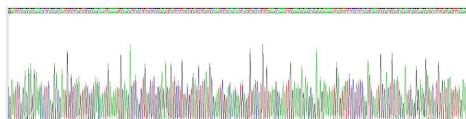
PRODUCT SYNONYMS

Serine Peptidase Inhibitor Kazal Type 5 (SPINK5); Recombinant Serine Peptidase Inhibitor Kazal Type 5 (SPINK5); SPINK5 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 80%
Form/Format	Freeze-dried powder; PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Concentration	Original Concentration: 3000ug/mL (varies by lot)
Applicable Applications for SPINK5 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Gly699~Ser976
Tags	N-terminal His Tag
Subcellular Location	Secreted
Predicted isoelectric point	8.8
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	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. 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 and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



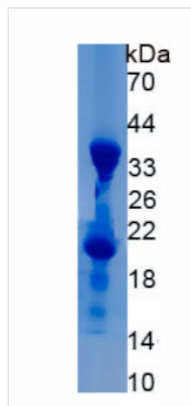
Identification

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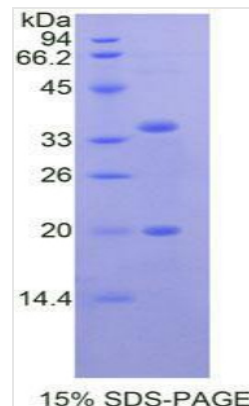
GG
GNTQDECAEY REQMKNGRLS CTRESDPVRD ADGKSYNNQC TMCKAKLRE
AERKNEYRS RSNGTGSESG KDTCEFRSQ MKNGLICTR ESDPVRGPDG
KTHGNKCTMC KEKLREAAE KKKKEDEDRS NTGERSNTGE RSNKEDLCR
EFRSMQRNGK LICTRENNPV RGPYKMHIN KCAMQOSIFD REANERKKKD
EEKSSSKPSN NAKDECSEFR NYIRNNELIC PRENDPVHGA DGKFTYTKCY
MCRAVFLTEA LERAKLQEEP SHVRAS

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Sequence



SDS-PAGE



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	189163501
NCBI GeneID	11005
NCBI Accession #	NP_001121170.1
NCBI GenBank Nucleotide #	NM_001127698.1
UniProt Accession #	Q9NQ38; O75770; Q3LX95; Q3LX96; Q3LX97; Q96PP2; Q96PP3; A8MYE8; B7WPB7; D6REN5
Molecular Weight	Predicted Molecular Mass: 35.7kDa Accurate Molecular Mass: 35&20kDa as determined by SDS-PAGE reducing conditions
NCBI Official Full Name	serine protease inhibitor Kazal-type 5 isoform a
NCBI Official Synonym Full Names	serine peptidase inhibitor, Kazal type 5
NCBI Official Symbol	SPINK5
NCBI Official Synonym Symbols	NS; NETS; LEKTI; LETKI; VAKTI
NCBI Protein Information	serine protease inhibitor Kazal-type 5; serine protease inhibitor, Kazal type 5; lymphoepithelial Kazal-type-related inhibitor; lympho-epithelial Kazal-type-related inhibitor
UniProt Protein Name	Serine protease inhibitor Kazal-type 5
UniProt Gene Name	SPINK5
UniProt Synonym Gene Names	LEKTI
UniProt Entry Name	ISK5_HUMAN

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/spink5-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/133996>