

Recombinant Full Length Human KLK5 Protein, GST-tagged

Cat. No. KLK5-5859HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human KLK5 full-length ORF (NP_036559.1, 1 a.a. - 293 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	293 amino acids
Description	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 kallikrein subfamily members located in a cluster on chromosome 19. Its expression is up-regulated by estrogens and progestins. The encoded protein is secreted and may be involved in desquamation in the epidermis. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq]
Molecular Mass	58.4 kDa
AA Sequence	MATARPPWMWVLCALITALLLGVTEHVLANNDVSCDHPSNTVPSGSNQDLGAGAG EDARSDDSSSRIINGSDCDMHTQPWQAALLLRPNQLYCGAVLVHPQWLLTAAHCRK KVFRVRLGHYSLSPVYESGQQMFQGVKSIPHPGYSHPGHSNDLMLIKLNRIRPTK DVRPINVSSHCP SAGTKCLVSGWGTTKSPQVHFPKVLQCLNISVLSQKRCEDAYPR QIDDTMFCAGDKAGR DSCQGD SGGPVVCNGSLQGLVSWGDYPCARP NRPGVYTN

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

LCKFTKWIQETIQANS

Applications

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

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

[KLK5 kallikrein-related peptidase 5 \[Homo sapiens \]](#)

Official Symbol

[KLK5](#)

Synonyms

KLK5; kallikrein-related peptidase 5; kallikrein 5; kallikrein-5; KLK L2; SCTE; kallikrein-like protein 2; stratum corneum tryptic enzyme; KLKL2; KLK-L2;

Gene ID

[25818](#)

mRNA Refseq

[NM_001077491](#)

Protein Refseq

[NP_001070959](#)

MIM

[605643](#)

UniProt ID

[Q9Y337](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA