

Recombinant Human KLK13 Protein, His-tagged

Cat. No. KLK13-076H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant human KLK13 protein with His tag was expressed in HEK293.

Species Human

Source HEK293

ProteinLength 277

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. Expression of this gene is regulated by steroid hormones and may be useful as a marker for breast cancer.

Form Lyophilized

Molecular Mass 28 kDa

AA Sequence
 MWPLALVIASLTLALSGGVSQESSKVLNTNGTSGFLPGGYTCFPHSQPWQAALLVQ
 GRLLCGGVLVHPKWVLTAAHCLKEGLKVYLGKHALGRVEAGEQVREVVHSIPHPEY
 RRSPTHLNHDHDIMLLELQSPVQLTGVIQTLPLSHNNRLTPGTTCRVSGWGTTTSPQ
 VNYPKTLQCANIQLRSDEECRQVYPGKITDNMLCAGTKEGGKDSCEGDSGGPLVC
 NRTLYGIVSWGDFPCGQPDRPGVYTRVSRVYLWIRETIRKYETQQQKWLKGPQ

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Purity	> 98%
Applications	WB; ELISA; FACS; FC
Stability	This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use.
Storage	At -20 centigrade.
Concentration	1 mg/mL
Storage Buffer	PBS (pH 7.4-7.5). Sterile-filtered colorless solution.
Reconstitution	Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance.

GENE INFORMATION

Gene Name	KLK13 kallikrein-related peptidase 13 [Homo sapiens (human)]
Official Symbol	KLK13
Synonyms	KLK13; kallikrein-related peptidase 13; kallikrein 13; kallikrein-13; KLK L4; kallikrein-like gene 4; kallikrein-like protein 4; KLKL4; KLK-L4; DKFZp586J1923;
Gene ID	26085
mRNA Refseq	NM_015596

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Protein Refseq NP_056411

MIM 605505

UniProt ID Q9UKR3

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