

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	MWPLALVIASLTALSGGVVSQESSKVLNTNGTSGFLPGGYTCFPHSQPWQAALLVQ GRLLCGGVLVHPKWVLTAAHCLKEGLKVYLGKHALGRVEAGEQVREVVHSIPHPEY RRSPHTLNHDHIMLLELQSPVQLTG YIQTLP LSHNNRLTPGTTCRVSGWGTTTSPQ 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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