

Product datasheet for **TP720646**

Kallikrein 10 (KLK10) (NM_001077500) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human kallikrein-related peptidase 10 (KLK10), transcript variant 3
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Ala31-Asn276
Tag:	C-His
Predicted MW:	27.98 kDa
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Supplied as a 0.2 um filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.
Endotoxin:	Endotoxin level is < 0.1 ng/μg of protein (< 1 EU/μg)
Storage:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	<u>NP_001070968</u>
Locus ID:	5655
UniProt ID:	<u>O43240</u>
RefSeq Size:	3024
Cytogenetics:	19q13.41
RefSeq ORF:	828
Synonyms:	NES1; PRSSL1



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Summary:

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 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. [provided by RefSeq, Jul 2008]

Protein Families:

Druggable Genome, Protease, Secreted Protein