

## Product datasheet for **TP720400XL**

### Kallikrein 1 (KLK1) (NM\_002257) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human kallikrein 1 (KLK1)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Pro19-Ser262
Tag:	C-His
Predicted MW:	28.1 kDa
Concentration:	lot specific
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, 2mM CaCl <sub>2</sub> , pH 8.0.
Endotoxin:	< 0.1 EU per µg protein as determined by LAL test
Storage:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Stability:	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
RefSeq:	<a href="#">NP_002248</a>
Locus ID:	3816
UniProt ID:	<a href="#">P06870</a> , <a href="#">A0A1R3UCD2</a>
Cytogenetics:	19q13.33
Synonyms:	hK1; Klk6; KLKR
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. This protein is functionally conserved in its capacity to release the vasoactive peptide, Lys-bradykinin, from low molecular weight kininogen. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome, Protease



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**Product images:**

