PRODUCT INFORMATION

Target	KLK1
Synonyms	hK1; KLKR; Klk6
Description	Recombinant human KLK1 Protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	P06870
Expression Host	HEK293
Tag	C-6×His tag
Molecular Characterization	KLK1(Ile25-Ser262) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 27.2 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).Lyophilized proteins are shipped at ambient temperature.
Background	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]
Usage	Research use only
Conjugate	Unconjugated

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Figure 1. Human KLK1 Protein, His Tag on SDS-PAGE under reducing condition.

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