

## **PRODUCT INFORMATION**

**Target** KLK1

**Synonyms** hK1; KLKR; Klk6

Recombinant human KLK1 Protein with C-terminal **Description** 

6×His tag

**Delivery** In Stock **Uniprot ID** P06870 **Expression Host HEK293** 

Tag C-6×His tag

Molecular

KLK1(Ile25-Ser262) 6×His tag Characterization

The protein has a predicted molecular mass of **Molecular Weight** 27.2 kDa after removal of the signal peptide.

The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

**Purity** 

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % Formulation &

 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Reconstitution

for specific instructions. 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

Storage & Shipping

thawing). Lyophilized proteins are shipped at

ambient temperature.

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

**Background** 

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 kiningen. [provided by RefSeq,

Jul 2008]

Usage Research use only

Conjugate Unconjugated







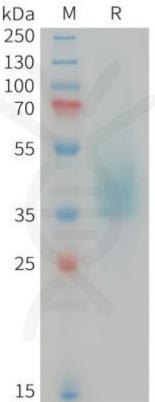


Figure 1. Human KLK1 Protein, His Tag on SDS-PAGE under reducing condition.

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