

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

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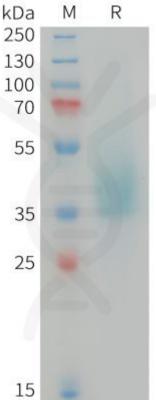


Figure 1. Human KLK1 Protein, His Tag on SDS-PAGE under reducing condition.

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