

Active Recombinant Human KLK13 protein, His-tagged

Cat. No. KLK13-302H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human KLK13 protein(NP_056411.1) (Met 1-Ile 262) was expressed in HEK293 with a C-terminal polyhistidine tag.
Species	Human
Source	HEK293
ProteinLength	1-262 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate Boc-VPR-AMC. The specific activity is >200 pmoles/min/μg.
Molecular Mass	The recombinant human KLK13 consists of 256 amino acids and has a predicted molecular mass of 28.4 kDa. As a result of glycosylation, the apparent molecular mass of rh KLK13 is approximately 33-37 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1 EU/g as determined by LAL test.
Purity	> 95 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [KLK13 kallikrein-related peptidase 13 \[Homo sapiens \]](#)

Official Symbol [KLK13](#)

Synonyms [KLK13](#); [kallikrein-related peptidase 13](#); [kallikrein 13](#); [kallikrein-13](#); [KLK L4](#); [kallikrein-like gene 4](#); [kallikrein-like protein 4](#); [KLKL4](#); [KLK-L4](#); [DKFZp586J1923](#);

Gene ID [26085](#)

mRNA Refseq [NM_015596](#)

Protein Refseq [NP_056411](#)

MIM [605505](#)

UniProt ID [Q9UKR3](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE



 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA