Active Recombinant Human KLK4 Protein, His-tagged

Cat. No. KLK4-555H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KLK4 (Accession # NP_004908) Ser27-Ser254, fused with a C-terminal 10-His tag, was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	Ser27-Ser254
Predicted N Terminal	Ser27 & Ser29
Form	Lyophilized from a 0.2 μm filtered solution in Tris and NaCl.
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate Boc-VPR-AMC.The specific activity is >250 pmol/min/μg, as measured under the described conditions.
Molecular Mass	Recombinant Human KLK4, His-tagged has a calculated MW of 26 kDa. In SDS-PAGE migrates as 33 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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

GENE INFORMATION

Gene Name	KLK4 kallikrein-related peptidase 4 [Homo sapiens]
Official Symbol	KLK4
Synonyms	KLK4; kallikrein-related peptidase 4; kallikrein 4 (prostase, enamel matrix, prostate) , PRSS17; kallikrein-4; EMSP; EMSP1; KLK L1; PSTS; prostase; serine protease 17; kallikrein-like protein 1; androgen-regulated message 1; enamel matrix serine protease 1; enamel matrix serine proteinase 1; ARM1; AI2A1; KLK-L1; PRSS17; kallikrein; MGC116827; MGC116828;
Gene ID	9622
mRNA Refseq	NM_004917
Protein Refseq	NP_004908
MIM	603767
UniProt ID	Q9Y5K2
Chromosome Location	19q13.3-q13.4

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