

Product Name: Recombinant Human KLK11 (C-6His)
Catalog #: PHH1031

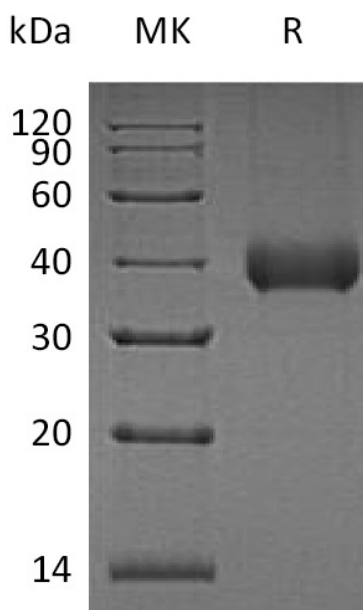


Summary

Name	Kallikrein 11/KLK11
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Kallikrein 11 is produced by our Mammalian expression system and the target gene encoding Glu19-Asn250 is expressed with a 6His tag at the C-terminus.
Accession #	AAH22068
Host	Human Cells
Species	Human
Predicted Molecular Mass	26.28 KDa
Formulation	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, 2mM CaCl ₂ , pH 8.0.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image

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Alternative Names

Kallikrein-11; hK11; Hippostasin; Serine Protease 20; Trypsin-Like Protease; KLK11; PRSS20; TLSP

Background

Human Kallikrein 11 (KLK11) is a member of tissue kallikrein family which are extracellular serine proteases consisting of 15 members. Two isoforms of KLK11 are differentially expressed. Isoform 1 is predominantly expressed in brain and isoform 2 is preferentially expressed in prostate. Isoform 1 consists of a signal peptide, a short pro peptide and the mature chain. Isoform 2 contains an extra 32 amino acid N terminal to full-length isoform 1. KLK11 is a novel marker for ovarian and prostate cancer carcinomas. KLK11 can be activated by thermolysin and is active against a thioester substrate.

Note

For Research Use Only , Not for Diagnostic Use.