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Datasheet for ABIN7319354
Kallikrein 11 Protein (KLK11) (His tag)

Overview

Quantity:	50 µg
Target:	Kallikrein 11 (KLK11)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Kallikrein 11 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Kallikrein 11/KLK11 Protein (His Tag)
Sequence:	Glu19-Asn250
Characteristics:	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.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	Kallikrein 11 (KLK11)
Alternative Name:	Kallikrein 11/KLK11 (KLK11 Products)
Background:	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

Target Details

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.

Synonym: Kallikrein-11, hK11, Hippostasin, Serine Protease 20, Trypsin-Like Protease, KLK11, PRSS20, TLSP

Molecular Weight: 26.3 kDa

NCBI Accession: [NP_006844](#)

Pathways: [Complement System](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl, 150 mM NaCl, 2 mM CaCl₂, pH 8.0.

Storage: -20 °C

Storage Comment: Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.