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Datasheet for ABIN7318700

Kallikrein 8 Protein (KLK8) (His tag)

Overview

Quantity:	50 µg
Target:	Kallikrein 8 (KLK8)
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Kallikrein 8 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human KLK-8/Kallikrein-8 Protein (His Tag)
Sequence:	Gln29-GLy260
Characteristics:	Recombinant Human Kallikrein 8 is produced by our Mammalian expression system and the target gene encoding Gln29-GLy260 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 8 (KLK8)
Alternative Name:	KLK-8/Kallikrein-8 (KLK8 Products)
Background:	Background: 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 biomarkers. This gene is one of the

Target Details

fifteen Kallikrein subfamily members located in a cluster on chromosome 19. Its encoded protein is secreted and may play a role in suppression of tumorigenesis in breast and prostate cancers. Alternate splicing of this gene results in multiple transcript variants encoding the same protein.

Synonym: Kallikrein-8, hK8, Neuropsin, NP, Ovasin, Serine Protease 19, Serine Protease TADG-14, Tumor-Associated Differentially Expressed Gene 14 Protein, KLK8, NRPN, PRSS19, TADG14

Molecular Weight:	26.0 kDa
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UniProt:	O60259
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Pathways:	Complement System
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Application Details

Restrictions:	For Research Use only
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Handling

Format:	Frozen, Liquid
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Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM TrisHCl, 150 mM NaCl, pH 8.0.
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Storage:	-20 °C
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Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
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