Kallikrein-13 Protein, Human (HEK293, His)

Cat. No.:	HY-P70934
Synonyms:	Kallikrein-13; Kallikrein-Like Protein 4; KLK-L4; KLK13; KLKL4
Species:	Human
Source:	HEK293
Accession:	Q9UKR3 (G17-I262)
Gene ID:	26085
Molecular Weight:	28-38 kDa

PROPERTIES

AA Sequence	G G V S Q E S S K V L N T N G T S G F L P G G Y T C F P H S Q P W Q A A L L V Q G R L L C G G V L V H P K W V L T A A H C L K E G L K V Y L G K H A L G R V E A G E Q V R E V V H S I P H P E Y R R S P T H L N H D H D I M L L E L Q S P V Q L T G Y I Q T L P L S H N N R L T P G T T C R V S G W G T T T S P Q V N Y P K T L Q C A N I Q L R S D E E C R Q V Y P G K I T D N M L C A G T K E G G K D S C E G D S G G P L V C N R T L Y G I V S W G D F P C G Q P D R P G V Y T R V S R Y V L W I R E T I
Biological Activity	The enzyme activity of this recombinant protein is testing in progress, we cannot offer a guarantee yet.
Appearance	Solution.
Formulation	Supplied as a 0.2 μm filtered solution of 20 mM MES, 150 mM NaCl, 10% Glycerol, pH 5.5.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	N/A
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	Kallikrein-13 (KLK13) is a member of KLK family and is a secreted serine protease expressed in endocrine tissues, including the prostate, testis, breast, and ovary. Growing evidence suggests that many kallikreins are implicated in carcinogenesis and some have potential as novel cancer and other disease biomarkers. Expression of KLK13 is regulated by steroid hormones and may be useful as a marker for breast cancer. KLK13 is also required for the human coronavirus HKU1

infection of human respiratory epithelial cells as a priming protease[1][2].

Tel: 609-228-6898 Fax: 609-228-5909 E-mail: tech@MedChemExpress.com
Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA