

KLK10, 34-276aa, Human, His tag, E.coli

Cat.NO.: TP02740

3th Edition

Synonyms:Kallikrein-10, NES1, PRSSL1

Description:KLK10, also known as Kallikrein-10, is one of the fifteen kallikrein subfamily members. 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. It is secreted and may play a role in suppression of tumorigenesis in breast and prostate cancers. Recombinant human KLK10 protein, fused to His-tag at N-terminus, was expressed in E.coli.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea

Molecular Weight:29.1 kDa(266aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSAALLPQNDTRLDPAYGSPCARGSQPWQVSLFNGLSFHCAGVLVDQSWVLT
AAHCGNKPLWARVGDDHLLLLQGEQLRRTTRSVVHPKYHQGSGPILPRRTDEHDLMLLKLARPVVLGPRVRALQL
PYRCAQPGDQCQVAGWGTTAARRVKYNKGLTCSSITILSPKECEVFYPGVVTNNMICAGLDRGQDPCQSDSGGPL
VCDETLQGILSWGVPYPCGSAQHPAVYTYQICKYMSWINKVIRSN

Purity:> 95% by HPLC

Concentration:1mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.