

KLK1, 25-262aa, Human, His tag, E.coli

Cat.NO.: TP02739

3th Edition

Synonyms:Kallikrein-1, hK1, Klk6, KLKR.

Description:Kallikrein-1, also known as KLK1, belongs to the Kallikrein subfamily. 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 fifteen kallikrein subfamily members located in a cluster on chromosome 19.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

Molecular Weight:28.7 kDa (259aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMIVGGWECEQHSQPWQAALYHFSTFQCGGILVHRQWVLTAAHCISDNYQLWLG
RHNLFDSENTAQFVHVSESFPHPGFNMSLLENHTRQADEDYSHDLMLLRLTEPADTITDAVKVVELPTQEPEVGST
CLASGWGSIEPENFSFPDDLQCVDLKILPNDECKKVHVQKVTDFMLCVGHLEGGKDTCVGDSGGPLMCDGVLQG
VTSWGYVPCGTPNKPSVAVRVLSYVKWIEDTIAENS

Purity:> 95% by HPLC

Concentration:0.25 mg/ml

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.