

KLK5, 67-293aa, Human, His tag, E.coli

Cat.NO.: TP02749

3th Edition

Synonyms:Kallikrein-5, KLK-L2, KLKL2, SCTE.

Description:Kallikrein-5, also known as KLK5, belongs to the serine protease family of proteolytic enzymes. The human KLK gene family consists of 15 serine proteases. It is expressed in a variety of tissues including salivary gland, stomach, uterus, lung, thymus, prostate, colon, brain, thyroid, and trachea. The function of the other members of KLK gene family is currently unknown, but evidence suggests that many KLKs are implicated in carcinogenesis.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 2M Urea, 20% glycerol

Molecular Weight:27.8 kDa (252aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGSHMIINGSDCDMHTQPWQAALLLRPNQLYCGAVLVHPQWLLTAAHCRKKVF
RVRLGHYSLSPVYESGQQMFQGVKSIPHPGYSHPGHSNDLMLIKLNRRIRPTKDVRPINVSSHCP SAGTKCLVSGW
GTTKSPQVHFPKVLQCLNISVLSQKRCEDAYPRQIDDTMFCAGDKAGRDSCQGDSSGGPVVCNGSLQGLVSWG DY
PCARPNRPGVYTNLCKFTKWIQETIQANS

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.