

AR51021PU-S

Human SPINK1 (24-79, His-tag) - Purified

Alternate names:	PSTI, Pancreatic secretory trypsin inhibitor, Serine protease inhibitor Kazal-type 1, TATI, Tumor-associated trypsin inhibitor
Quantity:	0.1 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	SPINK1 is a trypsin inhibitor, which is secreted from pancreatic acinar cells into pancreatic juice. It is thought to function in the prevention of trypsin-catalyzed premature activation of zymogens within the pancreas and the pancreatic duct. Mutations i
Uniprot ID:	P00995
NCBI:	NP_003113
GeneID:	6690
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >90% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT
Description:	AA Sequence: MGSSHHHHHH SGLVPRGSH MGSDSLGREA KCYNELNGCT KIYDPVCGTD GNTYPNECVL CFENRKQTS ILIQKSGPC Molecular weight: 8.6 kDa (79aa), confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Witt H., et al. (2000) Nat. Genet. 25:213-216 Hassan Z., et al. (2002) Am. J. Hum. Genet. 71:964-968
Pictures:	

