

Product datasheet for **TP720447**

SPINK1 (NM_003122) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human serine peptidase inhibitor, Kazal type 1 (SPINK1)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Asp24-Cys79
Tag:	C-His
Predicted MW:	7.3 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Supplied as a 0.2 um filtered solution of 20mM MES, 150mM NaCl, 2mM CaCl ₂ , 1mM DTT, 0.05% Brij35, 10% Glycerol, pH 6.0.
Endotoxin:	< 0.1 EU per µg protein as determined by LAL test
Storage:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Stability:	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_003113
Locus ID:	6690
UniProt ID:	P00995
Cytogenetics:	5q32
Synonyms:	PCTT; PSTI; Spink3; TATI; TCP
Summary:	The protein encoded by this gene 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 in this gene are associated with hereditary pancreatitis and tropical calcific pancreatitis. [provided by RefSeq, Oct 2008]
Protein Families:	Druggable Genome, Secreted Protein



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Product images:

