

Product datasheet for TP720447L

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 **HEK293 Expression Host: Expression cDNA Clone** Asp24-Cys79 or AA Sequence: C-His Tag: 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 CaCl2, 1mM DTT, 0.05% Brij35, 10% Glycerol, pH 6.0. Endotoxin: < 0.1 EU per µg protein as determined by LAL test Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles. Storage: Stable for at least 3 months from date of receipt under proper storage and handling Stability: conditions. NP 003113 RefSeq: 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 trypsincatalyzed 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



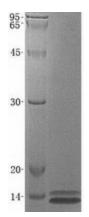
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OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

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