

Product datasheet for **TP720447M**

SPINK1 (NM_003122) Human Recombinant Protein

Product data:

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|---------------------------------------|---|
| 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:

