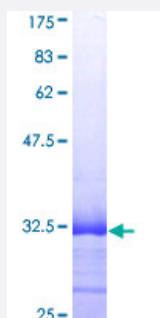


SPINK1 (Human) Recombinant Protein (Q01)

Catalog # H00006690-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SPINK1 partial ORF (AAH25790, 24 a.a. - 79 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	DSLGREAKCYNELNGCTKIYDPVCGTDGNTYPNECVLCFENRKRQTSILIQKSGPC
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	31.9
Interspecies Antigen Sequence	Mouse (68)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SPINK1

Entrez GeneID	6690
GeneBank Accession#	BC025790
Protein Accession#	AAH25790
Gene Name	SPINK1
Gene Alias	PCTT, PSTI, Spink3, TATI
Gene Description	serine peptidase inhibitor, Kazal type 1
Omim ID	167790 167800 608189
Gene Ontology	Hyperlink
Gene 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]
Other Designations	pancreatic secretory trypsin inhibitor serine protease inhibitor, Kazal type 1 tumor-associated trypsin inhibitor

Disease

- [Acute Disease](#)
- [Adenocarcinoma](#)

- [Calcinosis](#)
- [Celiac Disease](#)
- [Chromosome Deletion](#)
- [Chronic Disease](#)
- [Cystic fibrosis](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Exocrine Pancreatic Insufficiency](#)
- [Fatty Liver](#)
- [Fibrosis](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Hyperlipidemias](#)
- [Hyperparathyroidism](#)
- [Insulin Resistance](#)
- [Kidney Failure](#)
- [Pancreatic cancer](#)
- [Pancreatic Diseases](#)
- [Pancreatic Neoplasms](#)
- [Pancreatitis](#)
- [Recurrence](#)
- [Syndrome](#)