

Recombinant Human SPINK1 protein, GST-tagged

Cat. No. SPINK1-1785H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SPINK1 protein(24-79 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	24-79 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ ,17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	DSLGREAKCYNELNGCTKIYDPVCGTDGNTYPNECVLCFENRKRQTSILIQKSGPC
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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GENE INFORMATION

Gene Name	SPINK1 serine peptidase inhibitor, Kazal type 1 [Homo sapiens]
Official Symbol	SPINK1
Synonyms	SPINK1; serine peptidase inhibitor, Kazal type 1; serine protease inhibitor, Kazal type 1; pancreatic secretory trypsin inhibitor; PCTT; PSTI; Spink3; TATI; tumor-associated trypsin inhibitor; serine protease inhibitor Kazal-type 1; TCP;
Gene ID	6690
mRNA Refseq	NM_003122
Protein Refseq	NP_003113
MIM	167790
UniProt ID	P00995

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