

Recombinant Human SPINK1 Protein

Catalog #	Source	Reactivity	Applications
CRP2332	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human SPINK1 Protein is produced by our Mammalian expression system and the target gene encoding Asp24-Cys79 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 μM filtered solution of 20mM MES, 150mM NaCl, 2mM CaCl ₂ , 1mM DTT, 0.05% Brij35, 10% Glycerol, pH 6.0.		
Gene Symbol	SPINK1		
Alternative Names	PSTI; Pancreatic secretory trypsin inhibitor; Serine protease inhibitor Kazal-type 1; Tumor-associated trypsin inhibitor; TATI		
Entrez Gene	6690 (Human)		
SwissProt	P00995 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	DSLGREAKCY NELNGCTKIY DPVCGTDGNT YPNECVLCFE NRKRQTSILI QKSGPCVDHH HHHH		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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