

Recombinant Mouse SPINK4 Protein, Fc-tagged

Cat. No. SPINK4-934M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse SPINK4 (NP_035593.2) (Met 1-Cys 86) was fused with the Fc region of human IgG1 at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	1-86 a.a.
Predicted N Terminal	Gly 27
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The secreted recombinant mouse SPINK4/Fc is a disulfide-linked homodimer. The reduced monomer comprises 301 amino acids and has a calculated molecular mass of 34.5 kDa. The apparent molecular mass of the monomer is approximately 35 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>97 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be

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aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Spink4 serine peptidase inhibitor, Kazal type 4 [Mus musculus]
Official Symbol	SPINK4
Synonyms	SPINK4; serine peptidase inhibitor, Kazal type 4; serine protease inhibitor Kazal-type 4; peptide PEC-60 homolog; serine protease inhibitor, Kazal type 4; MPGC60;
Gene ID	20731
mRNA Refseq	NM_011463
Protein Refseq	NP_035593
MIM	
UniProt ID	
Function	peptidase activity;

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