

Recombinant Mouse SPINK1 Protein (24-80 aa), His-tagged

Cat. No. SPINK1-1623M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse SPINK1 Protein (24-80 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Mouse
Source	Yeast
ProteinLength	24-80 aa
Description	Serine protease inhibitor which exhibits anti-trypsin activity. Inhibits the uptake of calcium by spermatozoa.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	8.1 kDa
AA Sequence	AKVTGKEASCHDAVAGCPRIYDPVCGTDGITYANECVLCFENRKRIEPLIRKGGPC
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage

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temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name Spink1 serine peptidase inhibitor, Kazal type 1 [Mus musculus (house mouse)]

Official Symbol SPINK1

Synonyms p12; Spink3;

Gene ID 20730

mRNA Refseq NM_009258

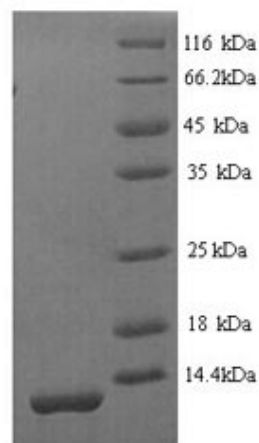
Protein Refseq NP_033284

UniProt ID P09036

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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