

Recombinant Mouse Spaca3 Protein, Myc/DDK-tagged

Cat. No. Spaca3-6065M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length sperm acrosome associated 3 (Spaca3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Sperm surface membrane protein that may be involved in sperm-egg plasma membrane adhesion and fusion during fertilization. It could be a potential receptor for the egg oligosaccharide residue N-acetylglucosamine, which is present in the extracellular matrix over the egg plasma membrane. The processed form has no detectable bacteriolytic activity in vitro.
Molecular Mass	18.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Spaca3 sperm acrosome associated 3 [Mus musculus (house mouse)]
Official Symbol	Spaca3
Synonyms	Spaca3; sperm acrosome associated 3; S; AL; Lyc3; SLLP1; ALLP17; mSLLP1; 1700025M08Rik; sperm acrosome membrane-associated protein 3; acrosomal sperm protein; lysozyme-like protein 3; sperm c-type lysozyme-like protein; sperm lysozyme-like protein 1 precursor
Gene ID	75622
mRNA Refseq	NM_029367
Protein Refseq	NP_083643
UniProt ID	Q9D9X8

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