

# Recombinant Mouse Spaca3 Protein, Myc/DDK-tagged

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

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of mouse full-length sperm acrosome associated 3 (Spaca3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.                                                                                                                                                                                                                      |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                |
| <b>Description</b>      | 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. |
| <b>Molecular Mass</b>   | 18.4 kDa                                                                                                                                                                                                                                                                                                                                                              |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                           |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                         |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                                                                                                                                                                                                                                        |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                      |
| <b>Storage Buffer</b>   | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                                 |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

## 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                                                                                                                                                                                                                                                              |

 Tel: 1-631-559-9269 1-516-512-3133 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA