Product datasheet for TP519897

Spaca3 (NM_029367) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse sperm acrosome associated 3 (Spaca3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR219897 protein sequence Red=Cloning site Green=Tags(s) MEARSRAPRRQLCPPGITWLALAYLLSCLLASSKAKVFSRCELAKEMHDFGLDGYRGYNLADWVCLAYYT SGFNTNAVDHEADGSTNNGIFQISSRRWCRTLASNGPNLCRIYCTDLLNNDLKDSIVCAMKIVQEPLGLG YWEAWRHHCQGRDLSDWVDGCDF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	18.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_083643
Locus ID:	75622
UniProt ID:	Q9D9X8, A0A077S9M6
RefSeq Size:	941
Cytogenetics:	11 B5

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RefSeq ORF:	492
Synonyms:	1700025M08Rik; ALLP17; Lyc3; mSLLP1; SLLP1
Summary:	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 (By similarity).[UniProtKB/Swiss-Prot Function]