

Recombinant Mouse Pate4 Protein, DDK/His-tagged

Cat. No. Pate4-4683M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse prostate and testis expressed 4 (PATE4), with C-terminal DDK/His tag, expressed in human cells.
Species	Mouse
Source	HEK293
ProteinLength	Leu24 – Phe99
Description	Enhances sperm motility. Binds to calmodulin and inhibits calcium transport into spermatozoa. May modulate the function of nicotinic acetylcholine receptors.
Molecular Mass	10 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.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	PBS, pH 7.4, 10% glycerol

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GENE INFORMATION

Gene Name Pate4 prostate and testis expressed 4 [Mus musculus (house mouse)]

Official Symbol [Pate4](#)

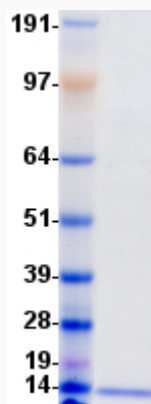
Synonyms Pate4; prostate and testis expressed 4; S; Pate; Svs7; Pate-B; 9530004K16Rik; prostate and testis expressed protein 4; PATE-like protein B; SVS VII; calcium transport inhibitor; caltrin; seminal vesicle protein 7; seminal vesicle protein VII; seminal vesicle protein, secretion 7; seminal vesicle secretory protein 7

Gene ID [56872](#)

mRNA Refseq [NM_020264](#)

Protein Refseq [NP_064660](#)

SDS-PAGE



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