

## Product datasheet for **TP700255**

### **Pate4 (NM\_020264) Mouse Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of mouse prostate and testis expressed 4 (PATE4), with C-terminal DDK/His tag, expressed in human cells, 20 µg
<b>Species:</b>	Mouse
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	A DNA sequence from TrueORF clone, RC600074, encoding the region (Leu24 – Phe99) of mouse PATE4
<b>Tag:</b>	C-DDK/His
<b>Predicted MW:</b>	10 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	PBS, pH 7.4, 10% glycerol
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<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>RefSeq:</b>	<a href="#">NP_064660</a>
<b>Locus ID:</b>	56872
<b>UniProt ID:</b>	<a href="#">Q09098</a>
<b>RefSeq Size:</b>	1016
<b>Cytogenetics:</b>	9 A4
<b>RefSeq ORF:</b>	297
<b>Synonyms:</b>	9530004K16Rik; Pate-B; Svs7
<b>Summary:</b>	Enhances sperm motility. Binds to calmodulin and inhibits calcium transport into spermatozoa. May modulate the function of nicotinic acetylcholine receptors. [UniProtKB/Swiss-Prot Function]



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**Product images:**

