

Recombinant Mouse Odf3 Protein, Myc/DDK-tagged

Cat. No. Odf3-4574M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length outer dense fiber of sperm tails 3 (Odf3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Outer dense fibers are filamentous structures located on the outside of the axoneme in the midpiece and principal piece of the mammalian sperm tail. May help to maintain the passive elastic structures and elastic recoil of the sperm tail.
Molecular Mass	27.6 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.

GENE INFORMATION

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Gene Name	Odf3 outer dense fiber of sperm tails 3 [Mus musculus (house mouse)]
Official Symbol	Odf3
Synonyms	ODF3; outer dense fiber of sperm tails 3; outer dense fiber protein 3; sperm tail protein SHIPPO 1; outer dense fiber of sperm tails protein 3; SHIPPO1; 1700011O04Rik; MGC123685; MGC123742; MGC123743
Gene ID	69287
mRNA Refseq	NM_027019
Protein Refseq	NP_081295
UniProt ID	Q920N1

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