

Recombinant Mouse Odf1 Protein, His-tagged

Cat. No. Odf1-2526M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Odf1 Protein (Met1-Ser239) with a N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Ser239
Description	Predicted to enable protein domain specific binding activity. Predicted to act upstream of or within cell differentiation and spermatogenesis. Located in outer dense fiber. Is expressed in testis and thyroid gland. Orthologous to human ODF1 (outer dense fiber of sperm tails 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 30.2 kDa Accurate Molecular Mass: 30 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Odf1 outer dense fiber of sperm tails 1 [Mus musculus (house mouse)]
Official Symbol	Odf1
Synonyms	Odf1; outer dense fiber of sperm tails 1; outer dense fiber protein 1
Gene ID	18285
mRNA Refseq	NM_008757
Protein Refseq	NP_032783
UniProt ID	Q61999

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