

Recombinant Human ODF4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ODF4-3327H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ODF4 MS Standard C13 and N15-labeled recombinant protein (NP_694552) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a protein that is localized in the outer dense fibers of the tails of mature sperm. This protein is thought to have some important role in the sperm tail. Alternative splicing results in multiple transcript variants.
Molecular Mass	29.2 kDa
AA Sequence	MDAEYSGNEFPRSEGERDQHQRPGKERKSGEAGRGTGELGQDGRLLSSTLSLSS NRSLGQRQNSPLPFQWRITHSFRWMAQVLASELSLVAFILLLVMAFSKKWLDLSRSL FYQRWPVDVSNRIHTSAHVMSMGLLHFCKSRSCSDLENGKVTFIFSTLMLFPINIWIF ELERNVSIPIGWSYFIGWLVLILYFTCAILCYFNHKSFWSLILSHPSGAVSCSSSFGSV EESPRAQTITDTPITQEGVLDPEQKDTHTVTRTRPLEQKLISEEDLAANDILDYKDDDD KV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

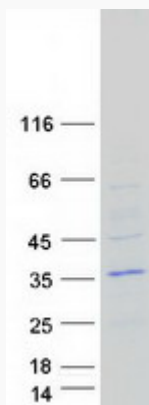
GENE INFORMATION

Gene Name	ODF4 outer dense fiber of sperm tails 4 [Homo sapiens (human)]
Official Symbol	ODF4
Synonyms	ODF4; outer dense fiber of sperm tails 4; outer dense fiber protein 4; cancer/testis antigen 136; CT136; OPPO1; hOPPO1; outer dense fiber 4; cancer/testis antigen 134; testis-specific protein oppo 1; outer dense fiber of sperm tails protein 4; CT134; MGC138215; MGC138219;
Gene ID	146852
mRNA Refseq	NM_153007
Protein Refseq	NP_694552
MIM	610097
UniProt ID	Q2M2E3

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SDS-PAGE

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