

Product datasheet for PH311295

ODF4 (NM_153007) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ODF4 MS Standard C13 and N15-labeled recombinant protein (NP_694552)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211295
Predicted MW:	29.2 kDa
Protein Sequence:	>RC211295 protein sequence Red =Cloning site Green =Tags(s) MDAEYSGNEFPRSEGERDQHQRPGKERKSGEAGRGTGELGQDGRLLSSTLSLSSNRS LGQRQNSPLPFQW RITHSFRWMAQVLA SELSLVAF ILLLVMAF SKKWL DL SRSLFYQRWPDVSNRIHTSAHVMSMGLLHFCK SRSCSDLENGKVT FIFSTLMLFPINIWIFELERNVSIPIGWSYF IGWLV LILYFTCAILCYFNHKSFWSL ILSHPSGAVSCSSSFGSVEESPR AQTITDTPITQEGVLDPEQK DTHV TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_694552
RefSeq Size:	1149
RefSeq ORF:	771
Synonyms:	CT134; CT136; OPPO1
Locus ID:	146852
UniProt ID:	Q2M2E3



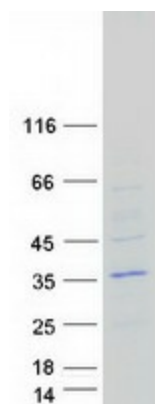
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Cytogenetics: 17p13.1

Summary: 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. [provided by RefSeq, Feb 2016]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified ODF4 protein (Cat# [TP311295]). The protein was produced from HEK293T cells transfected with ODF4 cDNA clone (Cat# [RC211295]) using MegaTran 2.0 (Cat# [TT210002]).