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Product datasheet for TP309614M

ODAD4 (NM_031421) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human tetratricopeptide repeat domain 25 (TTC25), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209614 protein sequence Red=Cloning site Green=Tags(s) MSDPEGETLRSTFPSYMAEGERLYLCGEFSKAAQSFSNALYLQDGDKNCLVARSKCFLKMGDLERSLKDA EASLQSDPAFCKGILQKAETLYTMGDFEFALVFYHRGYKLRPDREFRVGIQKAQEAINNSVGSPSSIKLE NKGDLSFLSKQAENIKAQQKPQPMKHLLHPTKGEPKWKASLKSEKTVRQLLGELYVDKEYLEKLLLDEDL IKGTMKGGLTVEDLIMTGINYLDTHSNFWRQQKPIYARERDRKLMQEKWLRDHKRRPSQTAHYILKSLED IDMLLTSGSAEGSLQKAEKVLKKVLEWNKEEVPNKDELVGNLYSCIGNAQIELGQMEAALQSHRKDLEIA KEYDLPDAKSRALDNIGRVFARVGKFQQAIDTWEEKIPLAKTTLEKTWLFHEIGRCYLELDQAWQAQNYG EKSQQCAEEEGDIEWQLNASVLVAQAQVKLRDFESAVNNFEKALERAKLVHNNEAQQAIISALDDANKGI IRELRKTNYVENLKEKSEGEASLYEDRIITREKDMRRVRDEPEKVVKQWDHSEDEKETDEDDEAFGEALQ SPASGKQSVEAGKARSDLGAVAKGLSGELGTRSGETGRKLLEAGRRESREIYRRPSGELEQRLSGEFSRQ EPEELKKLSEVGRREPEELGKTQFGEIGETKKNRK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	76.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.

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Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: NP_113609

Locus ID: 83538

UniProt ID: Q96NG3

RefSeq Size: 2310

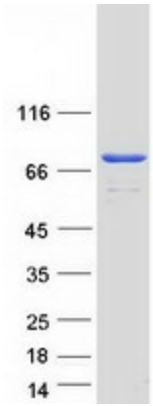
Cytogenetics: 17q21.2

RefSeq ORF: 381

Synonyms: TTC25

Summary: This gene encodes a tetratricopeptide repeat domain-containing protein that localizes to ciliary axonmenes and plays a role in the docking of the outer dynein arm to cilia. Mutations in this gene cause severely reduced ciliary motility and the disorder CILD35 (ciliary dyskinesia,primary, 35). Primary ciliary dyskinesia is often associated with recurrent respiratory infections, immotile spermatozoa, and situs inversus; an inversion in left-right body symmetry. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Apr 2017]

Product images:



Coomassie blue staining of purified TTC25 protein (Cat# [TP309614]). The protein was produced from HEK293T cells transfected with TTC25 cDNA clone (Cat# [RC209614]) using MegaTran 2.0 (Cat# [TT210002]).