

Product datasheet for **TP314147M**

C5ORF33 (NADK2) (NM_001085411) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 5 open reading frame 33 (C5orf33), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC214147 representing NM_001085411 Red =Cloning site Green =Tags(s)
	MTCYRGFLLGSCCRVAGGAAALRGPAGGPAARPRLLGGDGGRRHLGQGQPRELAGCGSRADGGFRPSR VWVAKTTRYEFEQRYRYAELSEEDLKQLLALKGSSYSGLLERHHIHTKNVEHIIDSLRNEGIEVRLVK RREYDEETVRWADAVIAAGGDGTMLLAASKVLDRLKPVIGVNTDPERSEGHLCLPVRYTHSFPEALQKFY RGEFRWLWRQRIRLYLEGTGINPVPVDLHEQQLSLNQHNLRALNIERAHERSEASGPQLLPVRALNEVFI GESLSSRASYEISVDDGPWEKQKSSGLNLCTGTGSKAWSFNINRVATQAVEDVLNIAKRQGNLSLPLNR ELVEKVTNEYNESLLYSPEEPKILFSIREPIANRVFSSSRQRCFSSKVCVRSRCWDACMVDGGTSTFEFN DGAIASMMINKEDLRTVLLEQ
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	49.3 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.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_001078880](#)

Locus ID: 133686

UniProt ID: [Q4G0N4](#)

RefSeq Size: 3898

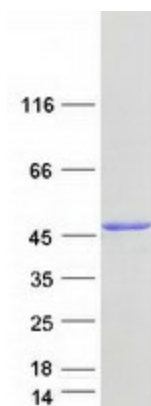
Cytogenetics: 5p13.2

RefSeq ORF: 1326

Synonyms: C5orf33; DECRD; MNADK; NADKD1

Summary: This gene encodes a mitochondrial kinase that catalyzes the phosphorylation of NAD to yield NADP. Mutations in this gene result in 2,4-dienoyl-CoA reductase deficiency. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2014]

Product images:



Coomassie blue staining of purified NADK2 protein (Cat# [TP314147]). The protein was produced from HEK293T cells transfected with NADK2 cDNA clone (Cat# [RC214147]) using MegaTran 2.0 (Cat# [TT210002]).