

## Product datasheet for **TP306410M**

### DENND1C (NM\_024898) Human Recombinant Protein

#### Product data:

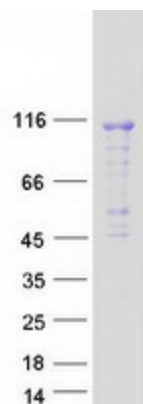
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human DENN/MADD domain containing 1C (DENND1C), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206410 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MESRAEGGSPAVFDWFFEAACPASLQEDPPILRQFPDFRDQEAMQMVPKFCFPDVEREPPSPAVQHFT</p> <p>FALTDLAGNRRFGFCRLRAGTQSCLCILSHLPWFEVFKLLNTVGDLLAQDQVTEAEELLQNLFQQSLSG</p> <p>PQASVGLELGSGVTVSSGQGIPPTRGNSKPLSCFVAPDSGRLPSIPENRNLTENVAVTDENIVGLFAA</p> <p>LLAERRVLLTASKLSTLTSCVHASCALLYPMRWEHVLPTLPPHLLDYCCAPMPYLIGVHASLAERVREK</p> <p>ALEDVVVLNVDANTLETTFNDVQALPPDVVSLRLRLRKVALAPGEGVSRLFLKAQALLFGGYRDALVCS</p> <p>PGQPVTFSSEVFLAQKPGAPLQAFHRRVHLQLFKQFIEARLEKLNKGEGFSDQFEQITGCGASSGALR</p> <p>SYQLWADNLKKGKGALLHSVKAKTQPAVKNMYSAGSLKGVQSLLMYKGDGSDVLQRGGSLRAPALPS</p> <p>RS</p> <p>DRLQQRLPITQHFGKNRPLRPSRRRQLEEGTSEPPGAGTPPLSPEDEGCPWAEALDSSFLGSGEELDLL</p> <p>SEILDSLMSGAKSAGSLRPSQSLDCCHRGDLDCFSLPNIPRWQPDDKKLPEPEPQPLSLPSLQNASSLD</p> <p>ATSSSKDSRSQIPSESDQEVTPSPQSSTASADPSIWGDPKPSPLTEPLHLTPSHKAAEDSTAQENPT</p> <p>PWLSTAPTEPSPPEPQILAPTKPNFDIAWTSQPLDPSSDPSSLEDPRARPPKALLAERAHLQPREPGA</p> <p>LNSPATPTSNCQKSPSSRPRVADLKKCFEG</p> <p><b>SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-Myc/DDK
Predicted MW:	86.9 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.



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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_079174</a>
<b>Locus ID:</b>	79958
<b>UniProt ID:</b>	<a href="#">Q8IV53</a>
<b>RefSeq Size:</b>	2836
<b>Cytogenetics:</b>	19p13.3
<b>RefSeq ORF:</b>	2403
<b>Synonyms:</b>	FAM31C
<b>Summary:</b>	The protein encoded by this gene functions as a guanine nucleotide exchange factor for the early endosomal small GTPase RAB35, which regulates endosomal membrane trafficking and is involved in actin polymerization. The encoded protein activates RAB35 by promoting the exchange of RAB35-bound GDP for GTP. This gene may play a role in linking RAB35 activation with the clathrin machinery. [provided by RefSeq, May 2017]

## Product images:



Coomassie blue staining of purified DENND1C protein (Cat# [TP306410]). The protein was produced from HEK293T cells transfected with DENND1C cDNA clone (Cat# [RC206410]) using MegaTran 2.0 (Cat# [TT210002]).