

Product datasheet for **TP320670L**

DENND4B (NM_014856) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human DENN/MADD domain containing 4B (DENND4B), 1 mg
Species:	Human
Expression Host:	HEK293T



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Expression cDNA Clone or AA Sequence: >RC220670 representing NM_014856
Red=Cloning site Green=Tags(s)

MAEERPPRLVDYFVAVAGLAGNGAPIEETWVPEPSGRLPPRPAEPITDVAVIARALGEEVPQGYTCIQA
SAGGHPLELSAGLLGGTQPVICYRRGRDKPPLVELGVLYEGKERPKPGFQVLDTPYSHSANLAPPGPGH
PRTYLTYRRAAEGAGLHALGITDLCLVLPKGEPTHTYCRNLPNPGMWGPAVYLCYKVLAKANTLV
YEAELLGRYPEEDNEAFPLPESVPVFCPLMGATIECWPAQTKYPVPVFSTFVLTGAAGDKVYGAALQFYE
AFPRARLSERQARALGLLSAVERGRALGGRAVRSRRAIAVLSRWPAPFAFRAFLTFLYRYSVSGPHRLPL
EAHISHFIHNVFPSPQRPRILVQMSPYDNLCLQPVSSPLPLSGASFLLQLSLGPELAITLLAVLTE
HKLLVHSLRPDLTSVCEALVSMIFPLHWQCPYIPLCLVLADVLSAPVPFVIGIHSSYFDLHDPPADVI
CVDLDTNTLFQTEKKLLSPRTLPRRPYKVLLATLTNLQQLDQTYTGPEEEASLEFLLTDYEAVCGRRA
RLEREVQGAFLRFMACLLKGYRVFLRPLTQAPSEGARDVDNLFLLQGFLLKSRERSHKLYSQLLHTQMFS
QFIEECFSGSARHAALLEFFDSCVEKVHPEQEKEPTPLVELEELSGSELTVFITPPEEPALPEGSESTPQ
YCYDGFPELRAELFESLQEQPGALPVPGPSRSAPSSAPRRTKQEMKVAQRMAQKSAAPPELWARCLLGH
CYGLWFLCLPAYVRSAPSRVQALHTAYHVLRLQMESGKVLPDEVCYRVLMQLCSHYGQPVLSVRVMLEM
R
QAGIVPNTITYGYYNKAVLESKWPSGTPGGRLRWAKLRNVVLGAAQFRQPLRERQQQQQQQQQQQQQ
QQQ
EQVSAHQEAGSSQAEPYLERPSPTRPLQRQTTWAGRSLRDPASPPGRLVKSGSLGSARGAQPTVEAGVAH
MIEALGVLEPRGSPVPHWDGSLDSLTLGEEPLPGGSPGGSGSALSAQSTEALGLSGRGPAGGRQDEA
GTPRRGLGARLQQLLTPSRHSPASRIPPELPPDLPPPARRSPMDSLHPRERPGSTASESSASLGSEWD
LSESSLNLRLRRSSERLSDTPGSFQSPSLEILLSSCLCRACDSLVDDEIMAGWAPDDSNLNTTCPCF
ACPFVPLLSVQTLDSRPSVPSKASAGSGSKDAPVPGGPGVLSDRRLCLALDEPQLCNGHMGASRRVE
SGAWAYLSPLVLRKEESLVENEGSEVLALPELPSAHPIIFWNLLWYFQRLRLPSILPGLVLASCDGPSH
SQAPSPWLTPDPASVQVRLLWDVLTDPNCPPLYVLRVHVSQIPQRVWVPGVPASLSLALLESVLRHV
GLNEVHKAVGLLLETGLPPPTGLHLQRGYREILFLTMAALGKDHVDIVAFDKKYKSAFNKLASSMGKEE
LRHRAQMPTPKAIDCRKCFGAPPEC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 163.7 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

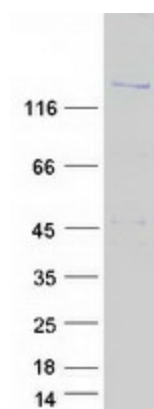
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

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.
RefSeq:	NP_055671
Locus ID:	9909
UniProt ID:	O75064
RefSeq Size:	5688
Cytogenetics:	1q21.3
RefSeq ORF:	4488
Synonyms:	KIAA0476
Summary:	Guanine nucleotide exchange factor (GEF) which may activate RAB10. Promotes the exchange of GDP to GTP, converting inactive GDP-bound Rab proteins into their active GTP-bound form. [UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified DENND4B protein (Cat# [TP320670]). The protein was produced from HEK293T cells transfected with DENND4B cDNA clone (Cat# [RC220670]) using MegaTran 2.0 (Cat# [TT210002]).