

Product datasheet for TP320670

DENND4B (NM_014856) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human DENN/MADD domain containing 4B (DENND4B), 20 µg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC220670 representing NM_014856
Red=Cloning site Green=Tags(s)

MAEERPPRLVDYFVVAGLAGNGAPIEETWVPEPSGPLRPPRPAEPITDVAVIARALGEEVPQGYTCIQA
 SAGGHPLELSAGLLGGTQPVICYRRGRDKPPLVELGVLYEGKERPKPGFQVLDTTPYSHSANLAPPGPGH
 PRTYLTYRRAAEGAGLHALGITDLCLVLPKGEGETPHTYCRLPRNLNPGMWGPAVYLCYKVLAKANTLV
 YEALLGRYPEEDNEAFPLPESVPVFCLPMGATIECWPAQTKYPVPVFSTFVLTGAAGDKVYGAALQFYE
 AFPRARLSERQARALGLLSAVERGRALGGRAVRSRAIAVLSRWPAPFAFRAFLTFLYRYSVSGPHRLPL
 EAHISHFIHNVPFSPQRPRILVQMSPYDNLLLQPVSSPLPLSGASFLQLLQSLGPELAILLLLAVLTE
 HKLLVHSLRPDLLTSVCEALVSMIFPLHWQCPYIPLCPLVLADVLSAPVPFVIGIHSSYFDLHDPADVI
 CVDLDTNTLTFQTEKKLLSPRTLPRRPYKVLATLNLQYQLDQTYTGPEEEASLEFLLTDYEAVCGRRA
 RLREVVQGAFLRFMACLLKGYRVFLRPLTQAPSEGARDVDNLFLLQGFLKSRERSHKLKLYSPLLHTQMFS
 QFIEECFSGSARHAALEFFDSCVEKVHPEQEKEPTPLVELEELSGSELTVFITPPEEPALPEGSESTPQ
 YCYDGFPELRAELFESLQEQPGALPVPGPSRSAPSSPAPRRTKQEMKVAQRMAQKSAAVPELWARCLLGH
 CYGLWFLCLPAYVRSAPSRVQALHTAYHVLRLQMESGKVVLPDEVYRVLMQLCSHYGQPVLSVRVMLEMR
 QAGIVPNTITYGYNKAVLESKWPSGTPGGRLRWAKLRNVVLGAAQFRQPLRERQQQQQQQQQQQQQQQQ
 EQVSAHQEAGSSQAEPYLERPSPTRPLQRQTTWAGRSLRDPASPPGRLVKSGSLGSARGAQPTVEAGVAH
 MIEALGVLEPRGSPVPWHDGSLSDLSLTGEEPLPGGSPGGSGSALSASQSTEALEGLSGRGPKAGGRQDEA
 GTPRRGLGARLQQLLTPSRHSPASRIPPELPPDLPPPARRSPMDSLHPRERPGSTASSESSASLGSEWD
 LSESSLNLSLRRSSERLSDTPGSFQSPSEILLSSCSLACRACDSLVYDEEIMAGWAPDDSNLNTTCPFC
 ACPFVPLLSVQTLDSRPSVSPKSAAGASGSKDAPVPGGPGVLSDRRLCLALDEPQLCNGHMGGASRRVE
 SGAWAYLSPLVLRKELESVLENEGSEVLALPELPSAHPIIFWNLLWYFQRLRLPSILPGLVLASCDGPSH
 SQAPSPWLTPDPASVQVRLLDVLTDPNCPPLYVLRVHSQIPQRVWVWGPVPASLSLALLESVLRHV
 GLNEVHKAVGLLLETLGPPPTGLHLQRGIYREILFLTMAALGKDHVDIVAFDKKYKSAFNKLASSMGKEE
 LRHRAQMPTPKAIDCRKCFGAPPEC

RTRRPLEQKLISEEDLAANDILDYKDDDDKV

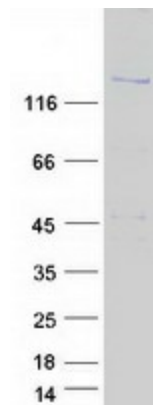
Tag: C-Myc/DDK



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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]).