

Product datasheet for PH320670

DENND4B (NM_014856) Human Mass Spec Standard

Product data:

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|---------------------------------------|---|
| Product Type: | Mass Spec Standards |
| Description: | DENND4B MS Standard C13 and N15-labeled recombinant protein (NP_055671) |
| Species: | Human |
| Expression Host: | HEK293 |
| Expression cDNA Clone or AA Sequence: | RC220670 |
| Predicted MW: | 163.7 kDa |
| Protein Sequence: | >RC220670 representing NM_014856 Red=Cloning site Green=Tags(s) |

MAERPPRLVDYFVAVLAGNGAPIPEETWVPEPSGRLRPPRAEPIITDVAVIARALGEEVPGQYTCIQA
SAGGHPLLELSAGLLGGTQPVICYRRGRDKPPLVELGVL YEGKERPKPGFQVLDTTPTYSHSANLAPPGPH
PRTYLTYRRAAEGAGLHALGITDCLVLPSKGEPTHTYCRNLPNPGMWGPVYLYCYKVLAKANTLV
YEAELLGRYPEEDNEAFPLPESVPVFCPLMGATIECWPAQTKYPVPVFTFVLTGAAGDKVYGAALQFYE
AFPRARL SERQARALGLLSAVERGRALGGRAVRSRAIAVL SRWPAFPAFRAFL TFLYRYSVSGPHRLPL
EAHISHF IHNVPFPSPQRPRILVQMSPYDNL LCCQPVSSPLPLSGASFLQLLQSLGPELAILLLAVL TE
HKLLVHSLRPDLLTSVCEALVSMIFPLHWQCPYIPLCPLVLADVL SAPVPFIVGIHSSYFDLHDPADVI
CVDLDTNTLFQTEEKLLSPRTLPRRPYKVL L ATLTNL YQQLDQTYTGPEEEASLEFLL TDYEAVCGRRA
RLEREVQGAFLRFMACLLKGYRVL RPLTQAPSEGARDVDNLFFLQGLKSRERSHKLYSQLLHTQMFS
QFIEECFSGSARHAALFFDSCVEKVHPEQEKPEPTPLVELEELSGSELTVFITPPEEPALPEGSESTPQ
YCYDGFPELRAELFESLQEQPGALPVPGPSRSAPSSPAPRRTKQEMKVAQRMAQKSAAVPELWARCLLGH
CYGLWFLCLPAYVRSAPSRVQALHTAYHVL RQMESGKVVLPDEV CYRVLMLC SHYGQPVLSVRVMLEMR
QAGIVPNTITYGYNKAVLESKWPSGTPGGRLRWAKLRNVVLGAAQFRQPLRERQQQQQQQQQQQQQQ
EQVSAHQEAGSSQAEPYLERPSPTRPLQRQTTWAGRSLRDPASPPGRLVKSGLSARGAQPTVEAGVAH
MIEALGVLEPRGSPVPWHDGSLSDLSTGEEPLPGGSPGGSGSALSAQSTEAL EGLSGRGPKAGGRQDEA
GTPRRGLGARLQQLTPSRHSPASRIPPPPELPPDLPPPARRSPMDSLHPRERPGSTASESSASLGSEWD
LSESSLNL SLRRSSERLSDTPGSFQSPSLEILLSSCSL CRACDSL VYDEEIMAGWAPDDSNLNTTCPFC
ACFPVPLL SVQTLDSRPSVSPK SAGASGSKDAPVPGGPGVLSDRRLCLALDEPQLCNGHMGGASRRVE
SGAWAYLSPLVLRKELESLENEGSEVLALPELPSAHP IIFWNLLWYFQRLRLPSILPGLVLASCDGP SH
SQAPSPWLTDPASVQVRLWDVLTDPNQCPLLYLWRVHSQIPQRVWVWGPVPAASLALLESVLRHV
GLNEVHKAVGLLLETLPPTGLHLQRGIYREILFL TMAALGKDHDIVAFDCKYKSAFNKLASSMGKEE
LRHRAQMPTPKAIDCRKCFGAPPEC

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

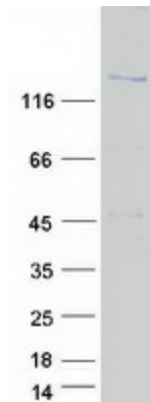
| | |
|---------|---|
| Tag: | C-Myc/DDK |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |



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| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Labeling Method: | Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3 |
| Storage: | Store at -80°C. Avoid repeated freeze-thaw cycles. |
| Stability: | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| RefSeq: | NP_055671 |
| RefSeq Size: | 5688 |
| RefSeq ORF: | 4488 |
| Synonyms: | KIAA0476 |
| Locus ID: | 9909 |
| UniProt ID: | O75064 |
| Cytogenetics: | 1q21.3 |
| 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]).