

Product datasheet for PH306410

DENND1C (NM_024898) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DENND1C MS Standard C13 and N15-labeled recombinant protein (NP_079174)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206410
Predicted MW:	87.1 kDa
Protein Sequence:	>RC206410 protein sequence Red =Cloning site Green =Tags(s)

MESRAEGGSPAVFDWFFEAACPASLQEDPPILRQFPDFRDQEAMQMPKFCFPDVEREPPSPAVQHFT
 FALTDLAGNRRFGFCRLRAGTQSCLCILSHLPWFVYKLLNTVGDLLAQDQVTEAEELLQNLFQQSLSG
 PQASVGLLELGSQVTVSSGQGIPTTRGNSKPLSCFVAPDSGRLPSIPENRNLTELVVAVTDENIVGLFAA
 LLAERRVLLTASKLSTLTSCVHASCALLYPMRWEHVL IPTLPPHLLDYCCAMPYLIGVHASLAERVREK
 ALEDVVVLNVDANTLETTFNDVQALPPDVVSLRLRLRKVALAPGEGVSRLFLKAQALLFGGYRDALVCS
 PGQPVTFSEEVFLAQKPGAPLQAFHRRVHLQLFKQFIEARLEKLNKGEFSDQFEQIEITGCGASSGALR
 SYQLWADNLKGGGALLHSVKAKTQPAVKNMYSKSLKGVQSLLMYKDGDSVLQRGGSLRAPALPSRS
 DRLQQRLPITQHFQGNRPLRPSRRRQLEEGTSEPPGAGTPPLSPEDEGCPWAEALDSSFLGSGEELDLL
 SEILDSLMSGAKSAGSLRPSQSLDCCHRGDLDSFSLPNIPRWQPDKKLPEPEPQPLSLPSLQNASSLD
 ATSSSKDSRSQIPSESDQEVTSQSSTASADPSIWGDPKPSPLTEPLILHLTPSHKAAEDSTAQENPT
 PWLSTAPTEPSPESPQILAPTKPNFDIAWTSQPLDPSSDPSSLEDPRARPPKALLAERAHLQPREEPGA
 LNSPATPTSNCQKSQPSSRPRVADLKKCFEG

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
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_079174


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RefSeq Size: 2836

RefSeq ORF: 2403

Synonyms: FAM31C

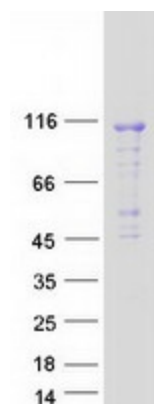
Locus ID: 79958

UniProt ID: [Q8IV53](#)

Cytogenetics: 19p13.3

Summary: 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]).