

Recombinant Full Length Human DENND1C Protein, GST-tagged

Cat. No. DENND1C-2463HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DENND1C full-length ORF (NP_079174.2, 1 a.a. - 801 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	801 amino acids
Description	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]
Molecular Mass	113.5 kDa
AA Sequence	MESRAEGGSPAVFDWFFEAACPASLQEDPPILRQFPDFRDQEAMQMVPKFCFPF DVEREPPSPAVQHFTFALTDLAGNRRRFGFCRLRAGTQSCLCILSHLPWFEVFKLLN TVGDLLAQDQVTEAEELLQNLFQQSLSGPQASVGLGSGVTVSSGQGIPPPTRGN SKPLSCFVAPDSGRLP SIPENRNLTENVVAVTDENIVGLFAALLAERRVLLTASKLSTL TSCVHASCALLYPMRWEHVLIPHTLPPHLLDYCCAPMPYLIGVHASLAERVREKALED VVVLNVDANTLETTFNDVQALPPDVVSLRLRLRKVALAPGEGVSRFLKAQALLFG

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GYRDALVCSPGQPVTFSSEVFLAQKPGAPLQAFHRRRAVHLQLFKQFIEARLEKLNKG
EGFSDQFEQEITGCGASSGALRSYQLWADNLKKGSGALLHSVKAKTQPAVKMYR
SAKSGLKGVQSLLMYKDGDVLRGGSLRAPALPSRSDRLQQLPITQHFGKNRPL
RPSRRRQLEEGTSEPPGAGTPPLSPEDGCPWAEALDSSFLGSGEELDLLSEILD
SLSMGAKSAGSLRPSQSLDCCHRGDLDCFSLPNIPRWQPDDKKLPEPEPQPLSLP
SLQNASSLDATSSSKDSRSQLIPSESDQEVTPSPSQSSTASADPSIWGDPKPSPLTEP
LILHLTPSHKAAEDSTAQENPTPWLSTAPTEPSPPEPQILAPT KPNFDIAWTSQPLD
PSSDPSSLEDPRARPPKALLAERAHLQPREPGALNSPATPTSNCQKSQPSSRPRV
ADLKKCFEG

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

DENND1C DENN/MADD domain containing 1C [Homo sapiens]

Official Symbol

DENND1C

Synonyms

FAM31C

Gene ID

79958

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mRNA Refseq	NM_024898.2
Protein Refseq	NP_079174.2
MIM	613634
UniProt ID	Q8IV53

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