

Recombinant Full Length Human C2CD2L Protein, C-Flag-tagged

Cat. No. C2CD2L-1695HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human C2CD2L Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Enables phosphatidylinositol binding activity and phosphatidylinositol transfer activity. Involved in positive regulation of insulin secretion involved in cellular response to glucose stimulus. Located in cortical endoplasmic reticulum and endoplasmic reticulum-plasma membrane contact site. Colocalizes with cytoplasmic side of apical plasma membrane.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	76 kDa
AA Sequence	MDPGWGQRDVGWAALLILFAASLLTVFAWLLQYARGLWLRARGDRGPGPALAGE PAGSLRELGVWRSLL RLRATRAGAAEPPGVRGLLASLFAFKSFRENWQRAWVRAL NEQACRNGSSIQIAFEEVPQLPPRASISHV TCVDQSEHTMVLRCQLSAEEVRFVVS VTQQSPAASMETYHVTLLPPTQLEVNLEEIPGEGLLISWAFT DRPDLSLTVLPKLQ ARERGEEQVELSTIEELIKDAIVSTQPAMMVNLRACSAAGGLVPSEKPPMMPQAQP AIPRPNRLFLRQLRASHLGNELEGTEELCCVAELDNPMQKWKTPARAGSEVEWTE DLALDLGPQSRELT LKVLRSSSCGDTTELLGQATLPVGSPSRPLSRRQLCPLTPGPG

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KALGPAATMAVELHYEEGSPRNLGTPTS STPRPSITPTKKIELDRTIMPDGTIVTTVT
TVQSRPRIDGKLDSPSRSPSKVEVTEKTTTVLSESSGPSN TSHSSSRDSHLSNGLD
PVAETAIRQLTEPSGRVAKKTPTKRSTLIISGVSKVPIAQDELALSLGYAASLE ASVQ
DDAGTSGGPSSPPSDPPAMSPGPLDALSSPTSVQEADETTRSDISERPSVDDIESET
GSTGALETR SLKDHKVSFLRSGTKLIFRRRPRQKEAGLSQSHDDL SNATATPSVRK
KAGSFSRRLIKRFSFKSKPKANG
NPSPQLTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name	C2CD2L C2CD2 like [Homo sapiens (human)]
Official Symbol	C2CD2L
Synonyms	DLNB23; TMEM24

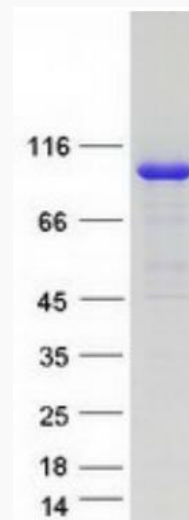
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Gene ID	9854
mRNA Refseq	NM_014807.5
Protein Refseq	NP_055622.3
MIM	617582
UniProt ID	O14523



Coomassie blue staining of purified C2CD2L protein.