

Recombinant Human C2CD3 protein, His & GST-tagged

Cat. No. C2CD3-1575H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human C2CD3 aa. (Asn1432~Leu1647 (Accession # Q4AC94)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Asn1432~Leu1647
Description	This gene encodes a protein that functions as a regulator of centriole elongation. Studies of the orthologous mouse protein show that it promotes centriolar distal appendage assembly and is also required for the recruitment of other ciliogenic proteins, including intraflagellar transport proteins. Mutations in this gene cause orofacioidigital syndrome XIV (OFD14), a ciliopathy resulting in malformations of the oral cavity, face and digits. Alternative splicing of this gene results in multiple transcript variants.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 56.8kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%

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Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	6.5

GENE INFORMATION

Gene Name	C2 calcium dependent domain containing 3
Official Symbol	C2CD3
Synonyms	C2CD3; C2 calcium dependent domain containing 3; OFD14; C2 domain-containing protein 3
Gene ID	26005
mRNA Refseq	NM_001286577.1
Protein Refseq	NP_001273506.1

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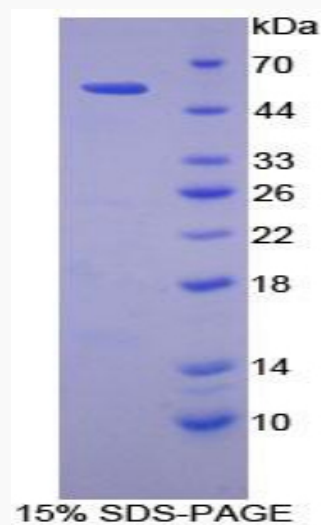
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UniProt ID

Q4AC94

SDS-PAGE



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