

Recombinant Human CCDC50 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. CCDC50-375H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CCDC50 MS Standard C13 and N15-labeled recombinant protein (NP_777568) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a soluble, cytoplasmic, tyrosine-phosphorylated protein with multiple ubiquitin-interacting domains. Mutations in this gene cause nonsyndromic, postlingual, progressive sensorineural DFNA44 hearing loss. In mouse, the protein is expressed in the inner ear during development and postnatal maturation and associates with microtubule-based structures. This protein may also function as a negative regulator of NF-κB signaling and as an effector of epidermal growth factor (EGF)-mediated cell signaling. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Oct 2008]
Molecular Mass	35.8 kDa
AA Sequence	MAEVSIDQSKLPGVKEVCRDFAVLEDHTLAHSLQEQEIEHHLASNVQRNRLVQHDL QVAKQLQEEDLKAQAQLQKRYKDLEQQDCEIAQEIQEKLAIEAERRRIQEKKDEDIAR LLQEKELQEEKKRKKHFPEFPATRAYADSYYYEDGGMKPRVMKEAVSTPSRMAHR DQEWYDAEIAARKLQEEELLATQVDMRAAQVAQDEEIARLLMAEEKKAYKKAKEREK SSLDKRKQDPEWKPKTAKAANSKSKESDEPHHSKNERPARPPPPIMTDGEDADYT

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HFTNQSSSTRHFSKSESSHKGFHYKHTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name CCDC50 coiled-coil domain containing 50 [Homo sapiens (human)]

Official Symbol CCDC50

Synonyms CCDC50; coiled-coil domain containing 50; C3orf6, deafness, autosomal dominant 44, DFNA44; coiled-coil domain-containing protein 50; Ymer; protein Ymer; YMER; C3orf6; DFNA44;

Gene ID 152137

mRNA Refseq NM_174908

Protein Refseq NP_777568

MIM 611051

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UniProt ID

Q8IVM0

SDS-PAGE

116
66
45
35
25
18



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