Recombinant Full Length Human CCDC50 Protein, C-Flag-tagged

Cat. No. CCDC50-1788HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CCDC50 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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-kB signaling and as an effector of epidermal growth factor (EGF)-mediated cell signaling. Alternative splicing results in multiple transcript variants encoding distinct isoforms.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	35.6 kDa
AA Sequence	MAEVSIDQSKLPGVKEVCRDFAVLEDHTLAHSLQEQEIEHHLASNVQRNRLVQHDL QVAKQLQEEDLKAQ AQLQKRYKDLEQQDCEIAQEIQEKLAIEAERRRIQEKKDEDIA RLLQEKELQEEKKRKKHFPEFPATRAY ADSYYYEDGGMKPRVMKEAVSTPSRMAH RDQEWYDAEIARKLQEEELLATQVDMRAAQVAQDEEIARLLM AEEKKAYKKAKERE

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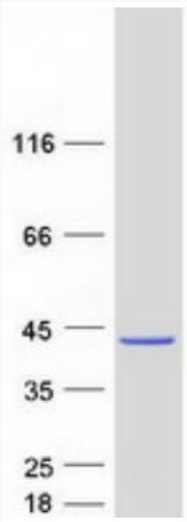
	KSSLDKRKQDPEWKPKTAKAANSKSKESDEPHHSKNERPARPPPPIMTDGEDADY T HFTNQQSSTRHFSKSESSHKGFHYKH TRTRPLEQKLISEEDLAANDILDYKDDDD KV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. 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.
Full Length	Full L.

GENE INFORMATION

Gene Name	CCDC50 coiled-coil domain containing 50 [Homo sapiens (human)]
Official Symbol	CCDC50
Synonyms	YMER; C3orf6; DFNA44
Gene ID	152137
mRNA Refseq	NM_174908.4
Protein Refseq	NP_777568.1

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MIM	611051
UniProt ID	Q8IVM0



Coomassie blue staining of purified CCDC50 protein.

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