Recombinant Human CCDC50 Protein, GST-Tagged

Cat. No. CCDC50-0558H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CCDC50 full-length ORF (AAH65004.1, 1 a.a. - 306 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Oct 2008]
Molecular Mass	60.06 kDa
AA Sequence	MAEVSIDQSKLPGVKEVCRDFAVLEDHTLAHSLQEQEIEHHLASNVQRNRLVQHDL QVAKQLQEEDLKAQAQLQKRYKDLEQQDCEIAQEIQEKLAIEAERRRIQEKKDEDIAR LLQEKELQEEKKRKKHFPEFPATRAYADSYYYEDGGMKPRVMKEAVSTPSRMAHR DQEWYDAEIARKLQEEELLATQVDMRAAQVAQDEEIARLLMAEEKKAYKKAKEREK SSLDKRKQDPEWKPKTAKAANSKSKESDEPHHSKNERPARPPPPIMTDGEDADYT HFTNQQSSTRHFSKSESSHKGFHYKH

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCI, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	CCDC50 coiled-coil domain containing 50 [Homo sapiens]
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
UniProt ID	Q8IVM0

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