



Recombinant Human Coiled-coil domain-containing protein 50 (CCDC50)

Product Code	CSB-YP812874HU
Abbreviation	CCDC50
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q8IVM0
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	AEVSIDQSK LPGVKEVCRD FAVLEDHTLA HSLQEQEIEH HLASNVQRNR LVQHDLQVAK QLQEEDLKAQ AQLQKRYKDL EQQDCEIAQE IQEKLAIEAE RRRIQEKKDE DIARLLQEKE LQEEKKRKKH FPEFPATRAY ADSYYYEDGG MKPRVMKEAV STPSRMAHRD QEWYDAEIAR KLQEEELLAT QVDMRAAQVA QDEEIARLLM AEEKKAYKKA KEREKSSLDK RKQDPEWPKP TAKAANSKSK ESDEPHHSKN ERPARPPPI MTDGEDADYT HFTNQQSSTR HFSKSESSHK GFHYKH
Source	Yeast
Target Names	CCDC50
Protein Names	Recommended name: Coiled-coil domain-containing protein 50 Alternative name(s): Protein Ymer
Expression Region	2-306
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final



concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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