

Product datasheet for **TP308965**

CCDC50 (NM_174908) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human coiled-coil domain containing 50 (CCDC50), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208965 protein sequence Red =Cloning site Green =Tags(s)

MAEVSIDQSKLPGVKEVCRDFAVLEDHTLAHSLQEIEHHLASNVQRNRLVQHDLQVAKQLQEEDLKAQ
AQLQKRYKDLEQQDCEIAQEIQEKLAIEAERRRIQEKKDEDIARLLQEKELQEEKRRKKHFPEFPATRAY
ADSYYYEDGGMKPRVMKEAVSTPSRMAHRDQEWYDAEIARKLQEEELLATQVDMRAAQVAQDEEIARLLM
AEEKKAYKKAKEREKSSLDKRKQDPEWKPKTAKAANSKSKESDEPHHSKNERPARPPPPIMTDGEDADYT
HFTNQSSSTRHFSKSESSHKGFHYKH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	35.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_777568
Locus ID:	152137



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UniProt ID: [Q8IVM0](#)

RefSeq Size: 8421

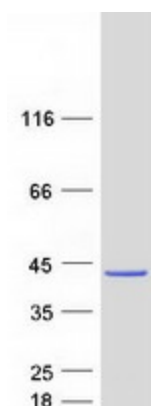
Cytogenetics: 3q28

RefSeq ORF: 918

Synonyms: C3orf6; DFNA44; YMER

Summary: 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- κ B 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]

Product images:



Coomassie blue staining of purified CCDC50 protein (Cat# TP308965). The protein was produced from HEK293T cells transfected with CCDC50 cDNA clone (Cat# [RC208965]) using MegaTran 2.0 (Cat# [TT210002]).