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Product datasheet for PH308965

CCDC50 (NM_174908) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CCDC50 MS Standard C13 and N15-labeled recombinant protein (NP_777568)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208965
Predicted MW:	35.8 kDa
Protein Sequence:	>RC208965 protein sequence Red=Cloning site Green=Tags(s) MAEVSIDQSKLPGVKEVCRDFAVLEDHTLAHSLQEQEIEHHLASNVQRNRLVQHDLQVAKQLQEEDLKAQ AQLQKRYKDLEQQDCEIAQEIQEKLAIEAERRRIQEKKDEDIARLLQEKELQEEKKRKKHFPEFPATRAY ADSYYYEDGGMKPRVMKEAVSTPSRMAHRDQEWYDAEIARKLQEEELLATQVDMRAAQVAQDEEIARLLM AEEKKAYKKAKEREKSSLDKRKQDPEWKPKTAKAANSKSKESDEPHHSKNERPARPPPPIMTDGEDADYT HFTNQQSSTRHFSKSESSHKGFHYKH TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_777568
RefSeq Size:	8421
RefSeq ORF:	918
Synonyms:	C3orf6; DFNA44; YMER
Locus ID:	152137

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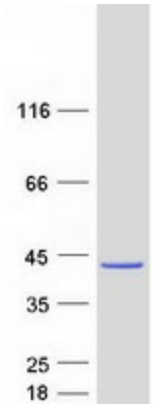
UniProt ID: Q8IVM0

Cytogenetics: 3q28

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-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]

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]).