

Full-Length

CCDC50 (Human) Recombinant Protein (P01)

Catalog # H00152137-P01

Size 50 ug

Specification

Product Description	Human CCDC50 full-length ORF (AAH65004.1, 1 a.a. - 306 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAEVSIDQSKLPGVKEVCRDFAVLEDHTLAHSLQEQEIEHHLASNVQRNRLVQHDLQVAKQLQE EDLKAQAQLQKRYKDLEQQDCEIAQEIQEKLAIEAERRRIQEKKDEDIARLLQEKELQEEKRKKH FPEFPATRAYADSYIEDGGMKPRVMKEAVSTPSRMAHRDQEWYDAEIARKLQEEELLATQVD MRAAQVAQDEEIARLLMAEEKKAYKKAKEREKSSLDKRKQDPEWKPKTAKAANSKSKESDEPH HSKNERPARPPPPIMTDGEDADYTHFTNQSSSTRHFSKSESSHKGFFHYKH
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	60.06
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CCDC50

Entrez GeneID [152137](#)**GeneBank Accession#** [BC065004.1](#)**Protein Accession#** [AAH65004.1](#)**Gene Name** CCDC50**Gene Alias** C3orf6, DFNA44, YMER**Gene Description** coiled-coil domain containing 50**Omim ID** [607453](#) [611051](#)**Gene Ontology** [Hyperlink](#)

Gene 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]

Other Designations Ymer protein