

Recombinant Human CFAP53 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CFAP53-3990H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CCDC11 MS Standard C13 and N15-labeled recombinant protein (NP_659457) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene belongs to the CFAP53 family. It was found to be differentially expressed by the ciliated cells of frog epidermis and in skin fibroblasts from human. Mutations in this gene are associated with visceral heterotaxy-6, which implicates this gene in determination of left-right asymmetric patterning.
Molecular Mass	61.8 kDa
AA Sequence	MYSQRFQTVQREVKGPTPKVVIVRSKPPKGQGAEEHLLERIRRS HQKH NAILASIKSS ERDRLKAEWDQHNDCKILDSLVRARIKDAVQGGFIINIEERRNKLRELLALEENEYFTE MQLKKETIEEKKDRMREKTKLLKEKNEKERQDFVAEKLDQQFRERCEELRVELLSIH QKKVCEERKAQIAFNEELSRQKLVEEQMFSKLWEEDRLAKEKREAEARRQKELM ENTRLGLNAQITSIKAQRQATQLLKEEEARLVESNNAQIKHENEQDMLKKQKAKQET RTILQKALQERIEHIQQEYRDEQDLNMKLVQRALQDLQEEADKKKQKREDMIREQKI YHKYLAQRREEEKAQEKEFDRILEEDKAKKLAEKDKELRLEKEARRQLVDEVMCTR KLQVQEKLRQEAKEQEERAMEQKHINESLKELNCEEKENFARRQRLAQEYRKQLQ MQIAYQQQSQAEEKEEKRREFEAGVAANKMCLDKVQEV LSTHQVLPQNIHPMRKA

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CPSKLPPTTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

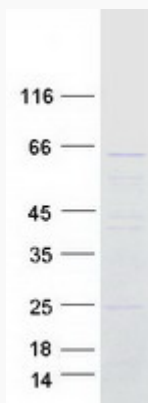
GENE INFORMATION

Gene Name	CFAP53 cilia and flagella associated protein 53 [Homo sapiens (human)]
Official Symbol	CFAP53
Synonyms	CFAP53; cilia and flagella associated protein 53; HTX6; CCDC11; cilia- and flagella-associated protein 53; coiled-coil domain containing 11
Gene ID	220136
mRNA Refseq	NM_145020
Protein Refseq	NP_659457
MIM	614759
UniProt ID	Q96M91

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SDS-PAGE

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