

Recombinant Human CCDC40 Protein, GST-tagged

Cat. No. CCDC40-5171H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CCDC40 full-length ORF (XP_939608.1, 1 a.a. - 478 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a protein that is necessary for motile cilia function. It functions in correct left-right axis formation by regulating the assembly of the inner dynein arm and the dynein regulatory complexes, which control ciliary beat. Mutations in this gene cause ciliary dyskinesia type 15, a disorder due to defects in cilia motility. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2011]
Molecular Mass	78.7 kDa
AA Sequence	MAEPGGAAGRSHPEDGSASEGEKEGNNESHMVSPPEKDDGQKGEEAVGSTEHP EVTQTAEAAIEEGEVETEGEAAVEGEEEEAVSYGDAESEEYETSSPEGQISAAD TTPYFSPQPQLPGEEAYDSVSGEAGLQGFQGEATGPPESTRERRVTSPEPSHGV LPSEQMGQVTSGPAVGRLTGSTEEPQGQVLPMPGVQHRFRLSHGSDIESSDLEEFV SQEPVIPPGVPDAHPREGDLPVFQDQIQPSTEEGAMAERVESEGSDEEADEGS QLVVLPDPHPLMVRFQAALKNYLNQRQIEKLKLDLQELVVATKQSRAQRQELGVNLYE VQQHLVHLQKLEKSHDRHAMASSERRQKEELQAARALYTKTCAAANEERKKLAA LQTEMENLALHLFYMQNIDQDMRDDRVTQVVKKAETERIRAEIEKKKQGVGDTGA

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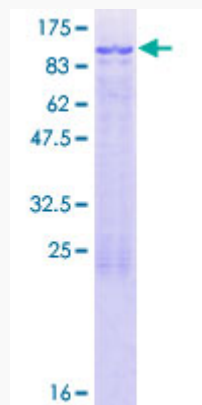
	AFIPKTTQGDQVSGRGKKKPGTVVARVSPAEL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	CCDC40 coiled-coil domain containing 40 [Homo sapiens (human)]
Official Symbol	CCDC40
Synonyms	CCDC40; coiled-coil domain containing 40; CILD15; FAP172; coiled-coil domain-containing protein 40
Gene ID	55036
mRNA Refseq	NM_001243342
Protein Refseq	NP_001230271
MIM	613799
UniProt ID	Q4G0X9

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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