

Recombinant Full Length Human CCDC40 Protein, GST-tagged

Cat. No. CCDC40-3822HF **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	In Vitro Cell Free System
ProteinLength	478 amino acids
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 EVTTQAEAAIEEGEVETEGEAAVEGEEEEAVSYGDAESEEYETSSPEGQISAAD TTPYFSPQPQLPGEEAYDSVSGEAGLQGFQQEATGPPESTRERRVTSPEPSHGV LPSEQMGQVTSGLPAVGRLTGSTEPPQGQVLPMPGVQHRFRLSHGSDIESSDLEEFV SQEPVIPPVGPDAHPREGDLPVFQDQIQPSTEEGAMAERVESEGSDEEADEGS QLVVLDPDHPLMVRFQAALKNYLNRQIEKLKLDLQELVVATKQSRAQRQELGVNLYE VQQHLVHLQKLEKSHDRHAMASSERRQKEEELQAARALYTKTCAAANEERKKLAA

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LQTEMENLALHLFYMQNIDQDMRDDIRVMTQVVKKAETERIRAEIEKKKQGVGDTGA
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

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UniProt ID

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