

Recombinant Human IFT74 Protein, GST-Tagged

Cat. No. IFT74-1309H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CCDC2 partial ORF (NP_079379, 1 a.a. - 100 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a core intraflagellar transport (IFT) protein which belongs to a multi-protein complex involved in the transport of ciliary proteins along axonemal microtubules. IFT proteins are found at the base of the cilium as well as inside the cilium, where they assemble into long arrays between the ciliary base and tip. This protein, together with intraflagellar transport protein 81, binds and transports tubulin within cilia and is required for ciliogenesis. Naturally occurring mutations in this gene are associated with amyotrophic lateral sclerosis--frontotemporal dementia and Bardet-Biedl Syndrome. [provided by RefSeq, Mar 2017]
Molecular Mass	36.74 kDa
AA Sequence	MEEVMNGYNMLKAQNDRETQSLDVIFTERQAKEKQIRSVEEEEIEQEKQATDDIIKNM SLENQVKYLEMKTNEKLLQELDTLQQQLDSQNMKKESLEAEI
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

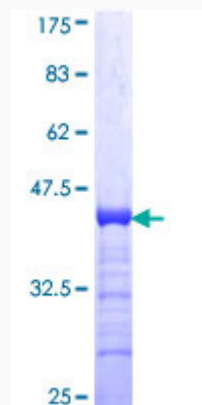
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Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	IFT74 intraflagellar transport 74 homolog (Chlamydomonas) [Homo sapiens]
Official Symbol	IFT74
Synonyms	IFT74; intraflagellar transport 74 homolog (Chlamydomonas); CCDC2, coiled coil domain containing 2; intraflagellar transport protein 74 homolog; capillary morphogenesis protein 1; CMG 1; CMG1; FLJ22621; coiled-coil domain containing 2; capillary morphogenesis gene 1 protein; coiled-coil domain-containing protein 2; CCDC2; CMG-1; MGC111562;
Gene ID	80173
mRNA Refseq	NM_001099222
Protein Refseq	NP_001092692
MIM	608040
UniProt ID	Q96LB3

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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