

Recombinant Human IFT74 Protein, His-tagged

Cat. No. IFT74-1393H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human IFT74 protein, fused to His tag at N-terminus, was expressed in E. coli.
Species	Human
Source	E.coli
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]
Form	25 mM Tris, pH 8.0, 150 mM NaCl, 10 % glycerol, 1 % Sarkosyl.
Molecular Mass	69.1 kDa
Purity	>50 ug/mL as determined by microplate BCA method
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	IFT74 intraflagellar transport 74 homolog (Chlamydomonas) [Homo sapiens]
Official Symbol	IFT74
Synonyms	BBS20; CCDC2; CMG-1; CMG1
Gene ID	80173
mRNA Refseq	NM_001099222
Protein Refseq	NP_001092692
MIM	608040
UniProt ID	Q96LB3

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