

Recombinant Human IFT74 protein, His-tagged

Cat. No. IFT74-4004H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFT74 protein(151-350 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	151-350 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	ADYNMLVDKLNTNTEMEVMNDYNMLKAQNDRETQSLDVIFTERQAKEKQIRSVEE EIEQEKQATDDIIKNMSFENQVKYLEMKTNEKLLQELDTLQQQLDSQNMKKESLEA EIAHSQVKQEAVLLHEKLYELESHRDQMIAEDKSGSPMEEREKLLKQIKDDNQEIAS MERQLTDTKEKINQFIEEIRQLDMDLEEH
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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

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