

Recombinant Human IFT122, His-tagged

Cat. No. IFT122-14088H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFT122 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-359a.a.
Description	This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-asp (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. This cytoplasmic protein contains seven WD repeats and an AF-2 domain which function by recruiting coregulatory molecules and in transcriptional activation. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

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GENE INFORMATION

Gene Name	IFT122 intraflagellar transport 122 homolog (Chlamydomonas) [Homo sapiens]
Official Symbol	IFT122
Synonyms	IFT122; intraflagellar transport 122 homolog (Chlamydomonas); WD repeat domain 10 , WDR10; intraflagellar transport protein 122 homolog; SPG; WDR10p; WDR140; WD repeat domain 10; WD repeat-containing protein 10; WD repeat-containing protein 140; CED; WDR10;
Gene ID	55764
mRNA Refseq	NM_018262
Protein Refseq	NP_060732
MIM	606045
UniProt ID	Q9HBG6
Chromosome Location	3q21

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