

## Recombinant Human IFT122, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IFT122 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-359a.a.
<b>Description</b>	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.
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

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## GENE INFORMATION

<b>Gene Name</b>	IFT122 intraflagellar transport 122 homolog (Chlamydomonas) [ Homo sapiens ]
<b>Official Symbol</b>	IFT122
<b>Synonyms</b>	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;
<b>Gene ID</b>	55764
<b>mRNA Refseq</b>	NM_018262
<b>Protein Refseq</b>	NP_060732
<b>MIM</b>	606045
<b>UniProt ID</b>	Q9HBG6
<b>Chromosome Location</b>	3q21

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