

Recombinant Human IFT88, GST-tagged

Cat. No. IFT88-14096H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IFT88 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-302a.a.
Description	This gene encodes a member of the tetratricopeptide repeat (TPR) family. Mutations of a similar gene in mouse can cause polycystic kidney disease. Two transcript variants encoding distinct isoforms have been identified for this gene.
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 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	IFT88 intraflagellar transport 88 homolog (Chlamydomonas) [Homo sapiens]
Official Symbol	IFT88

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Synonyms	IFT88; intraflagellar transport 88 homolog (Chlamydomonas); tetratricopeptide repeat domain 10 , TTC10; intraflagellar transport protein 88 homolog; D13S1056E; hTg737; MGC26259; polaris homolog; Tg737; TPR repeat protein 10; tetratricopeptide repeat domain 10; tetratricopeptide repeat protein 10; recessive polycystic kidney disease protein Tg737 homolog; probe hTg737 (polycystic kidney disease, autosomal recessive); DAF19; TG737; TTC10; RP11-172H24.2;
Gene ID	8100
mRNA Refseq	NM_006531
Protein Refseq	NP_006522
MIM	600595
UniProt ID	Q13099
Chromosome Location	13q12.1
Pathway	Endochondral Ossification, organism-specific biosystem; Hedgehog signaling events mediated by Gli proteins, organism-specific biosystem;
Function	binding;