

Recombinant Human Intraflagellar Transport 20 Homolog (Chlamydomonas), His-tagged

Cat. No. IFT20-7154H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human IFT20 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques. MW: 17 kDa.
Species	Human
Source	E.coli
ProteinLength	1-132aa
Description	IFT20 is part of intraflagellar transport (IFT) particles involved in ciliary process assembly. This protein may play a role in the trafficking of ciliary membrane proteins from the Golgi complex to the cilium. IFT20 is expressed in almost all tissues.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol, 1mM DTT.
Molecular Mass	17 kDa (152aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MAKDILGEAG LHFDELNKLRLVDPEVTQQT IELKEECKDF VDKIGQFQKI VGGLIELVDQ LAKEAENEKM KAIGARNLLK SIAKQREAAQQ QQLQALIAEK KMQLERYRVE YEALCKVEAE QNEFIDQFIF QK
Purity	>95% by SDS - PAGE

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Applications	SDS-PAGE
Storage	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	IFT20 intraflagellar transport 20 homolog (Chlamydomonas) [Homo sapiens]
Official Symbol	IFT20
Synonyms	IFT20; intraflagellar transport 20 homolog (Chlamydomonas); intraflagellar transport protein 20 homolog; hIFT20; intraflagellar transport protein IFT20;
Gene ID	90410
mRNA Refseq	NM_174887
Protein Refseq	NP_777547
MIM	614394
UniProt ID	Q8IY31
Chromosome Location	17q11.2
Function	protein binding;

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