

Recombinant Human IFT20 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. IFT20-4677H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	IFT20 MS Standard C13 and N15-labeled recombinant protein (NP_777547) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a intraflagellar transport protein important for intracellular transport. The encoded protein forms part of a complex involved in trafficking of proteins from the Golgi body, including recycling of immune signalling components. This gene is part of a complex set of sense-antisense loci that may be co-regulated. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. A pseudogene of this gene is located on the long arm of chromosome 14.
Molecular Mass	16 kDa
AA Sequence	MAKDILGEAGLHFDELNKLRLVDPEVTQQTIELKEECKDFVDKIGQFQKIVGGGLIELVD QLAKEAENEKMKSLAVSPRLECTGAISAHCKLCLSDSSDSPTSPSRVGGTTGHRCS ELAQIYSKAERSSTAATSSPNSRKENAARKVSGTRTRPLEQKLISEEDLAANDILDYK DDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	IFT20 intraflagellar transport 20 [Homo sapiens (human)]
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

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