

## Product datasheet for **TP303591**

### IFT43 (NM\_052873) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 14 open reading frame 179 (C14orf179), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203591 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MEDLLDLDEELRYSLATSRAKMGRRRAQQESAQAENHLNGKNSSLTTLTGETSSAKLPRCRQGGWAGDSVKA SNGTQTGKQQLDLNACYHKTHHRNLGLASLEEADIIIPDLEEVQEEDFVLQVAAPPSIQIKRVMTYRDL DNDLMKYSAIQTL DGEIDLKLLTKVLAPEHEVREDDVGWDWDHLFTEVSSEVLTEWDPLQTEKEDPAGQA RHT  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	23.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_443105</a></u>
Locus ID:	112752



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UniProt ID: [Q96FT9](#), [A0A024R6A9](#)

RefSeq Size: 865

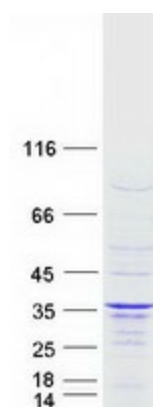
Cytogenetics: 14q24.3

RefSeq ORF: 639

Synonyms: C14orf179; CED3; RP81; SRTD18

**Summary:** This gene encodes a subunit of the intraflagellar transport complex A (IFT-A). IFT-A is a multiprotein complex that plays an important role in cilia assembly and maintenance by mediating retrograde ciliary transport. Mutations in this gene are a cause of cranioectodermal dysplasia-3 (CED3), also known as Sensenbrenner syndrome. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Dec 2011]

### Product images:



Coomassie blue staining of purified IFT43 protein (Cat# TP303591). The protein was produced from HEK293T cells transfected with IFT43 cDNA clone (Cat# [RC203591]) using MegaTran 2.0 (Cat# [TT210002]).