

Product datasheet for **TP303591M**

IFT43 (NM_052873) Human Recombinant Protein

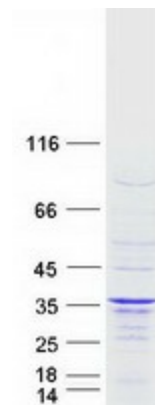
Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human chromosome 14 open reading frame 179 (C14orf179), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203591 protein sequence Red =Cloning site Green =Tags(s) MEDLLDLDEELRYSLATSRAKMGRRAQQESAQAENHLNGKNSSLTTLTGETSSAKLPCRQGGWAGDSVK A SNGTQTGKQQLDLNACYHKTHHRNLGLASLEEADIPIPDLEEVQEEDFVLQVAAPPSIQIKRVMTYRDL DNDLMKYSAIQTLDGEIDLKLLTKVLAPEHEVREDDVGWDWDHLFTEVSSEVLTEWDPLQTEKEDPAGQA RHT TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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>NP_443105</u>
Locus ID:	112752


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UniProt ID:	<u>Q96FT9</u>
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]).