

## Product datasheet for PH303591

### IFT43 (NM\_052873) Human Mass Spec Standard

#### Product data:

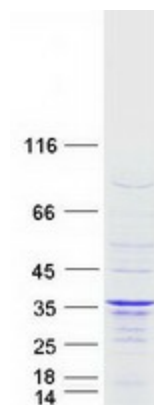
Product Type:	Mass Spec Standards
Description:	C14orf179 MS Standard C13 and N15-labeled recombinant protein (NP_443105)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203591
Predicted MW:	23.9 kDa
Protein Sequence:	<p>&gt;RC203591 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MEDLLDLDEELRYSLATSRAKMGRRAQQESAQAENHLNGKNSSLTLTGETSSAKLPRCRQGGWAGDSVKA            SNGTQTGKQQLDLNACYHKTHHRNLGLASLEEADIPDLEEVEEDFVLQVAAPPSIQIKRVMTYRDL            DNDLMKYSAIQTLDEIDLKLLTKVLAPEHEVREDDVGWDWDLFTVSSEVLTEWDPLQTEKEDPAGQA            RHT</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_443105</a>
RefSeq Size:	865
RefSeq ORF:	639
Synonyms:	C14orf179; CED3; RP81; SRTD18
Locus ID:	112752
UniProt ID:	<a href="#">Q96FT9</a> , <a href="#">A0A024R6A9</a>


[View online »](#)

**Cytogenetics:** 14q24.3

**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]).