

## Product datasheet for PH302948

### TACO1 (NM\_016360) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	TACO1 MS Standard C13 and N15-labeled recombinant protein (NP_057444)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202948
Predicted MW:	32.5 kDa
Protein Sequence:	>RC202948 protein sequence Red=Cloning site Green=Tags(s)  MSAWAAASLSRAAARCLLARGPGVRAAPPRDPRPSHPEPRGCGAAPGRTLHFTAAPVAGHNKWSKVRHIK GPKDVERSRIFSKLCLNIRLAVKEGGPNPEHNSNLANILEVCRSKHMPKSTIETALKMEKSKDTYLLYEG RGPGGSSLLIEALSNSSHKCQADIRHILNKNGGVMVAVGARHSFDKKGVIIVVEVEDREKKAVNLERALEMA IEAGAEDVKETEDEEERNVFKFICDASSLHQVRKLDLGLCSVSCALEFIPNSKVQLAEPDLEQAAHLI QALSNHEDVIHVYDNIE  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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_057444</a>
RefSeq Size:	1479
RefSeq ORF:	891
Synonyms:	CCDC44; MC4DN8
Locus ID:	51204



[View online »](#)

UniProt ID: [Q9BSH4](#)

Cytogenetics: 17q23.3

Summary: This gene encodes a mitochondrial protein that function as a translational activator of mitochondrially-encoded cytochrome c oxidase 1. Mutations in this gene are associated with Leigh syndrome.[provided by RefSeq, Mar 2010]

### Product images:



Coomassie blue staining of purified TACO1 protein (Cat# [TP302948]). The protein was produced from HEK293T cells transfected with TACO1 cDNA clone (Cat# [RC202948]) using MegaTran 2.0 (Cat# [TT210002]).