

Product datasheet for PH302948

OriGene Technologies, Inc.

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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)

MSAWAAASLSRAAARCLLARGPGVRAAPPRDPRPSHPEPRGCGAAPGRTLHFTAAVPAGHNKWSKVRHIK GPKDVERSRIFSKLCLNIRLAVKEGGPNPEHNSNLANILEVCRSKHMPKSTIETALKMEKSKDTYLLYEG RGPGGSSLLIEALSNSSHKCQADIRHILNKNGGVMAVGARHSFDKKGVIVVEVEDREKKAVNLERALEMA IEAGAEDVKETEDEEERNVFKFICDASSLHQVRKKLDSLGLCSVSCALEFIPNSKVQLAEPDLEQAAHLI

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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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: NP 057444

RefSeq Size: 1479 RefSeq ORF: 891

Synonyms: CCDC44; MC4DN8

Locus ID: 51204



UniProt ID: Q9BSH4

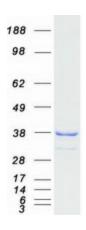
Cytogenetics: 17q23.3

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]).