

## Product datasheet for **TP302948L**

### TACO1 (NM\_016360) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human coiled-coil domain containing 44 (CCDC44), 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone  
or AA Sequence:** >RC202948 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MSAWAAASLSRAAARCLLARGPGVRAAPPRDPRPSHPEPRGCGAAPGRTLHFTA AVPAGHNKWSKVRHIK  
GPKDVERSRIFSKLCNIRLAVKEGGPNPEHNSNLANILEVCRSKHMPKSTIETALKMEKSKDTYLLYEG  
RGPGGSSLLIEALSNSSHKCQADIRHILNKNGGVM AVGARHSFDKKG VIVVEVEDREKKAVNLERALEMA  
IEAGAEDVKETEDEEERNVFKFICDASSLHQVRKKLDSLGLCSVSCALEFIPNSKVQLAEPDLEQAAHLI  
QALSNHEDVIHVYDNIE

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 32.3 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:** [NP\\_057444](#)

**Locus ID:** 51204



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UniProt ID: [Q9BSH4](#)

RefSeq Size: 1479

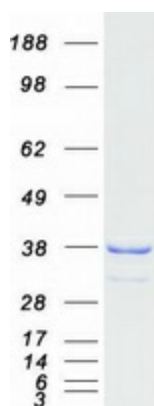
Cytogenetics: 17q23.3

RefSeq ORF: 891

Synonyms: CCDC44; MC4DN8

**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]).