

Recombinant Full Length Human TACO1 Protein, GST-tagged

Cat. No. TACO1-3801HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CCDC44 full-length ORF (NP_057444.2, 1 a.a. - 297 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	297 amino acids
Description	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]
Molecular Mass	58.9 kDa
AA Sequence	MSAWAAASLSRAAARCLLARGPGVRAAPPRDPRPSHPEPRGCGAAPGRTLHFTAA VPAGHNKWSKVRHIKGPKDVERSRIFSKLCLNIRLAVKEGGPNPEHNSNLANILEVC RSKHMPKSTIETALKMEKSKDITYLLYEGRGPGGSSLLIEALSNSSHKCQADIRHILNK NGGVMAGGARHSFDKKGIVIVEVEDREKKAVNLERALEMAIEAGAEDVKETEDEEE RNVFKFICDASSLHQVRKKLDSLGLCSVSCALEFIPNSKVQLAEPDLEQAAHLIQALS NHEDVIHVYDNIE
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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Protein Array

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	TACO1 translational activator of cytochrome c oxidase I [Homo sapiens (human)]
Official Symbol	TACO1
Synonyms	CCDC44; TACO1; translational activator of cytochrome c oxidase I; translational activator of cytochrome c oxidase 1; clone HQ0477 PRO0477p; coiled-coil domain-containing protein 44; translational activator of mitochondrially encoded cytochrome c oxidase I
Gene ID	51204
mRNA Refseq	NM_016360
Protein Refseq	NP_057444
MIM	612958
UniProt ID	Q9BSH4

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