

Recombinant Human translational activator of mitochondrially encoded cytochrome c oxidase I, His-tagged

Cat. No. TACO1-317H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TACO1, 61-297aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	61-297 a.a.
Description	TACO1 is 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. Recombinant human TACO1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Molecular Mass	28.8 kDa (260aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSNKWSKVR HIKGPKDVER SRIFSKLCLN IRLAVKEGGP NPEHNSNLAN ILEVCRSKHM PKSTIETALK MEKSKDTYLL YEGRPGGGSS LLIEALSNSH HKCQADIRHI LNKNGGVMAV GARHSFDKKG VIVVEVEDRE KKAVALERAL EMAIEAGAED VKETEDDEER NVFKFICDAS SLHQVRKKLD SLGLCSVSCA LEFIPNSKVQ LAEPDLEQAA HLIQALSNE

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	DVIHVYDNIE
Purity	>95% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.5mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	TACO1 translational activator of mitochondrially encoded cytochrome c oxidase I [Homo sapiens]
Official Symbol	TACO1
Synonyms	TACO1; translational activator of mitochondrially encoded cytochrome c oxidase I; CCDC44, coiled coil domain containing 44; translational activator of cytochrome c oxidase 1; clone HQ0477 PRO0477p; coiled-coil domain-containing protein 44; CCDC44;
Gene ID	51204
mRNA Refseq	NM_016360
Protein Refseq	NP_057444
MIM	612958
UniProt ID	Q9BSH4

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Chromosome	17q23.3
Location	

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