

AR51221PU-N

Human CDC447 / TACO1 (61-297, His-tag) - Purified

Alternate names:	Coiled-coil domain-containing protein 44, PRO0477, Translational activator of cytochrome c oxidase 1
Quantity:	0.5 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	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.
Uniprot ID:	Q9BSH4
NCBI:	NP_057444
GeneID:	51204
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Description:	Recombinant human TACO1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHH SGLVPRGSH MGSNKWSKVR HIKGPKDVER SRIFSKLCLN IRLAVKEGGP NPEHNSNLN ILEVCRSKHM PKSTIETALK MEKSKDTYLL YEGRGPGGSS LLIEALSNSS HKCQADIRHI LNKNGGVMAV GARHSFDKKG VIVVEVEDRE KKAVNLERAL EMAIEAGAED VKETEDDEER NVFKFICDAS SLHQVRKKLD SLGLCSVSCA LEFIPNSKVQ LAEPDLEQAA HLIQALSNHE DVIHVDNIE Molecular weight: 28.8 kDa (260aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Weraarpachai W., et al. (2009) Nat. Genet. 41:833-837 Burkard T.R., et al. (2011) BMC Syst. Biol. 5:17-17

Pictures:

