9051 Mira Mesa Blvd, #910094
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TACO1 Human

Translational Activator of Mitochondrially Encoded Cytochrome C Oxidase Human Recombinant
RCP2312

Product Overview

Name	TACO1 Human

Description

Translational Activator of Mitochondrially Encoded Cytochrome C Oxidase Human Recombinant

Accession (Primary)	Q9BSH4

Synonyms

Translational Activator Of Mitochondrially Encoded Cytochrome C Oxidase, CCDC44, Coiled-Coil Domain-Containing Protein 44, Coiled-Coil Domain Containing 44, Clone HQ0477 PRO0477p, Translational Activator Of Cytochrome C Oxidase 1, Translational Activator Of Mitochondrially-Encoded Cytochrome C Oxidase I.

Introduction

Translational activator of mitochondrially encoded cytochrome c oxidase I (TACO1) belongs to the TACO1 family. TACO1 is a mitochondrial protein which functions as a translational activator of mitochondrially-encoded cytochrome c oxidase 1. Mutations in this gene are associated with Leigh syndrome.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered clear solution.

Formulation

TACO1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.

Purity

Greater than 95% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS NKWSKVR HIKGPKDVER SRIFSKLCLN IRLAVKEGGP NPEHNSNLAN ILEVCRSKHM PKSTIETALK MEKSKDTYLL YEGRGPGGSS LLIEALSNSS HKCQADIRHI LNKNGGVMAV GARHSFDKKG VIVVEVEDRE KKAVNLERAL EMAIEAGAED VKETEDEEER NVFKFICDAS SLHQVRKKLD

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SLGLCSVSCA LEFIPNSKVQ LAEPDLEQAA HLIQALSNHE DVIHVYDNIE

Precautions

TACO1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9BSH4)