9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

TOMM20 Human

Translocase Of Outer Mitochondrial Membrane 20 Human Recombinant RCP2410

Product Overview

Name	TOMM20 Human

Description

Translocase Of Outer Mitochondrial Membrane 20 Human Recombinant

Accession (Primary)	Q15388

Synonyms

Mmitochondrial import receptor subunit TOM20 homolog, TOMM20, MAS20, MOM19, KIAA0016, Outer mitochondrial membrane receptor Tom20, Mitochondrial 20 kDa outer membrane protein.

Introduction

Mmitochondrial import receptor subunit TOMM20 homolog (TOMM20) is a member of the Tom20 family. The Tom machinery consists of import receptors for the initial binding of cytosolically synthesized preproteins and a general import pore (GIP) for the membrane translocation of various preproteins into the mitochondria. TOMM20 acts as the transit peptide receptor at the surface of the mitochondrion outer membrane and facilitates the movement of preproteins into the TOM40 translocation pore.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

The TOMM20 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 20% glycerol and 2mM 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). Avoid multiple freeze-thaw cycles.

Purity

Greater than 90.0% as determined by SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS DRKRRSD PNFKNRLRER RKKQKLAKER AGLSKLPDLK DAEAVQKFFL EEIQLGEELL AQGEYEKGVD HLTNAIAVCG QPQQLLQVLQ QTLPPPVFQM LLTKLPTISQ RIVSAQSLAE DDVE.

Precautions

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TOMM20 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q15388)