

Recombinant Human TOMM20 293 Cell Lysate

Cat. No. TOMM20-872HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species Human

Source HEK293

Description

Antigen standard for translocase of outer mitochondrial membrane 20 homolog (yeast) (TOMM20), nuclear gene encoding mitochondrial protein is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.

Components

This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).

Size 0.1 mg

Storage Instruction

Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

TOMM20 translocase of outer mitochondrial membrane 20 homolog (yeast) [Homo sapiens]

Official Symbol

TOMM20

Synonyms

TOMM20; translocase of outer mitochondrial membrane 20 homolog (yeast); mitochondrial import receptor subunit TOM20 homolog; KIAA0016; MAS20; MOM19; TOM20; translocase of outer mitochondrial membrane 20 homolog type II; mitochondrial 20 kDa outer membrane protein; outer mitochondrial membrane receptor Tom20; MGC117367;

Gene ID

9804

mRNA Refseq

NM_014765

Protein Refseq

NP_055580

MIM

601848

UniProt ID

Q15388

Chromosome Location

1q42

Pathway

Metabolism of proteins, organism-specific biosystem; Mitochondrial Protein Import,

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