

Product datasheet for TP305444M

OriGene Technologies, Inc.

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SLC25A42 (NM_178526) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human solute carrier family 25, member 42 (SLC25A42), 100 µg

Species: Human
Expression Host: HEK293T

Expression cDNA Clone >RC205444 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MGNGVKEGPVRLHEDAEAVLSSSVSSKRDHRQVLSSLLPGALAGALAKTAVAPLDRTKIIFQVSSKRFSA KEAFRVLYYTYLNEGFLSLWRGNSATMVRVVPYAAIQFSAHEEYKRILGSYYGFRGEALPPWPRLFAGAL AGTTAASLTYPLDLVRARMAVTPKEMYSNIFHVFIRISREEGLKTLYHGFMPTVLGVIPYAGLSFFTYET LKSLHREYSGRRQPYPFERMIFGACAGLIGQSASYPLDVVRRRMQTAGVTGYPRASIARTLRTIVREEGA

VRGLYKGLSMNWVKGPIAVGISFTTFDLMQIMLRHLQS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 35.2 kDa

Concentration: >0.05 μg/μL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by

conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and

handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: <u>NP 848621</u> **Locus ID:** 284439





UniProt ID: Q86VD7

RefSeq Size: 3279

Cytogenetics: 19p13.11

RefSeq ORF: 954

Synonyms: MECREN

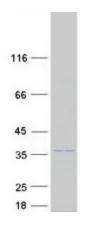
Summary: This gene encodes a solute carrier family 25 protein. Solute carrier family 25 proteins are

localized to mitochondria and play critical roles in the transport of molecules across the inner mitochondrial membrane. The encoded protein is a mitochondrial transporter for coenzyme

A (CoA) and adenosine 3',5'-diphosphate. [provided by RefSeq, Feb 2012]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified SLC25A42 protein (Cat# [TP305444]). The protein was produced from HEK293T cells transfected with SLC25A42 cDNA clone (Cat# [RC205444]) using

MegaTran 2.0 (Cat# [TT210002]).