

## **Product datasheet for TP305444**

#### 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), 20 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:** NP 848621 **Locus ID:** 284439



#### SLC25A42 (NM\_178526) Human Recombinant Protein - TP305444

UniProt ID: <u>Q86VD7</u>, <u>A0A024R7K2</u>, <u>Q8NHH2</u>

RefSeq Size: 3279

Cytogenetics: 19p13.11

RefSeq ORF: 954

Synonyms: MECREN

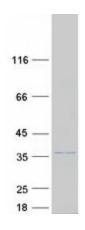
**Summary:** This gene encodes a solute carrier family 25 protein. Solute carrier family 25 proteins are

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]).