

Product datasheet for TP761308

OriGene Technologies, Inc.

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Mitochondrial dicarboxylate carrier (SLC25A10) (NM 012140) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Human solute carrier family 25 (mitochondrial carrier,

dicarboxylate transporter), member 10 (SLC25A10), nuclear gene encoding mitochondrial protein, full length, with N-terminal GST and C-terminal His tag, expressed in E. coli, 50ug

Species: Human

Expression Host: E. coli

Expression cDNA Clone

or AA Sequence:

A DNA sequence encoding human full-length SLC25A10

Tag: N-GST and C-His

Predicted MW: 57.1 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, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol

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 036272

Locus ID: 1468

UniProt ID: Q9UBX3, A0A0S2Z382

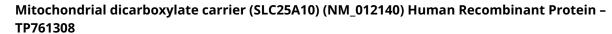
RefSeq Size: 2008

Cytogenetics: 17q25.3

RefSeq ORF: 861

Synonyms: DIC; MTDPS19







Summary:

This gene encodes a member of a family of proteins that translocate small metabolites across the mitochondrial membrane. The encoded protein exchanges dicarboxylates, such as malate and succinate, for phosphate, sulfate, and other small molecules, thereby providing substrates for metabolic processes including the Krebs cycle and fatty acid synthesis. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Aug 2012]

Product images:

