

Product datasheet for TP322824L

OriGene Technologies, Inc.

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SLC25A3 (NM_005888) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human solute carrier family 25 (mitochondrial carrier; phosphate

carrier), member 3 (SLC25A3), nuclear gene encoding mitochondrial protein, transcript variant

1, 1 mg

Species: Human
Expression Host: HEK293T

Expression cDNA Clone >RC222824 representing NM_005888 or AA Sequence: Red=Cloning site Green=Tags(s)

MFSSVAHLARANPFNTPHLQLVHDGLGDLRSSSPGPTGQPRRPRNLAAAAVEEQYSCDYGSGRFFILCGL GGIISCGTTHTALVPLDLVKCRMQVDPQKYKGIFNGFSVTLKEDGVRGLAKGWAPTFLGYSMQGLCKFGF YEVFKVLYSNMLGEENTYLWRTSLYLAASASAEFFADIALAPMEAAKVRIQTQPGYANTLRDAAPKMYKE EGLKAFYKGVAPLWMRQIPYTMMKFACFERTVEALYKFVVPKPRSECSKPEQLVVTFVAGYIAGVFCAIV SHPADSVVSVLNKEKGSSASLVLKRLGFKGVWKGLFARIIMIGTLTALQWFIYDSVKVYFRLPRPPPPEM

PESLKKKLGLTQ

TRTRPLEQKLISEEDLAANDILDYKDDDDK**V**

Tag: C-Myc/DDK
Predicted MW: 34.8 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 005879

Locus ID: 5250

UniProt ID: <u>Q00325</u>, <u>A0A024RBH9</u>, <u>Q6MZF9</u>

RefSeq Size: 1688
Cytogenetics: 12q23.1
RefSeq ORF: 1086

Synonyms: OK/SW-cl.48; PHC; PTP

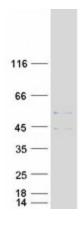
Summary: The protein encoded by this gene catalyzes the transport of phosphate into the mitochondrial

matrix, either by proton cotransport or in exchange for hydroxyl ions. The protein contains three related segments arranged in tandem which are related to those found in other characterized members of the mitochondrial carrier family. Both the N-terminal and C-terminal regions of this protein protrude toward the cytosol. Multiple alternatively spliced

transcript variants have been isolated. [provided by RefSeq, Jul 2008]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified SLC25A3 protein (Cat# [TP322824]). The protein was produced from HEK293T cells transfected with SLC25A3 cDNA clone (Cat# [RC222824]) using

MegaTran 2.0 (Cat# [TT210002]).