

## Product datasheet for TP322824

### 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, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC222824 representing NM_005888 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MFSSVAHLARANPFNTPHLQLVHDGLGLDRSSSPGPTGQRRRPRNLAAAVEEQYSCDYGSGRFFILCGL GGIISCGTHTALVPLDLVKCRMQVDPQKYKGFNGFSVTLKEDGVRGLAKGWAPTFLGYSMQGLCKFGF YEVFKVLYSNMLGEENTYLWRTSLYLAASASAEFFADIALAPMEAAKVRIQTQPGYANTLRDAAPKMYKE EGLKAFYKGVAPLWMRQIPYTMKFAFERTVEALYKFVVPKPRSECSKPEQLVWTFVAGYIAGVFCAIV SHPADSVSVLNKEKGSSASLVLRGLGFKGVWKGFLFARIIMIGTLTALQWFIYDSVKVYFRLRPPPPPEM PESLKKKLGLTQ</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
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.



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RefSeq: [NP\\_005879](#)

Locus ID: 5250

UniProt ID: [Q00325](#), [A0A024RBH9](#), [Q6MZF9](#)

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]).