

Product datasheet for TP306966

SLC25A16 (NM_152707) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human solute carrier family 25 (mitochondrial carrier; Graves disease autoantigen), member 16 (SLC25A16), nuclear gene encoding mitochondrial protein, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206966 protein sequence Red =Cloning site Green =Tags(s)

MAAATAAAALAAADPPPAMPQAAGAGGPTTRRDFYWLRSFLAGGIAGCCAKTTVAPLDRVKVLLQAHNHH
YKHLGVFSALRAVPQKEGFLGLYKNGAMMIRIFPYGAIQFMAFEHYKTLITTKLGISGHVHRLMAGSMA
GMTAVICTYPLDMVRVRLAFQVKGEHSYTGIIHAFKTIYAKEGGFFGFYRGLMPTILGMAPYAGVSFFTF
GTLKSVGLSHAPTLLGRPSSDNPVNLVVKTHVNLCCGGVAGAIQTISYPFDVTRRRMQLGTVLPEFEKC
LTMRDTMKYVYGHGIRKGLYRGLSLNYIRCIPSQAVAFTTYELMKQFFHLN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

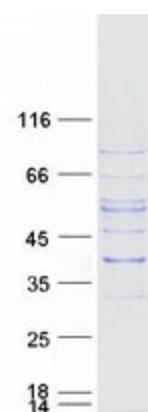
Tag:	C-Myc/DDK
Predicted MW:	36 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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_689920
Locus ID:	8034



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UniProt ID:	P16260
RefSeq Size:	2264
Cytogenetics:	10q21.3
RefSeq ORF:	996
Synonyms:	D10S105E; GDA; GDC; HGT.1; hML7; ML7
Summary:	This gene encodes a protein that contains three tandemly repeated mitochondrial carrier protein domains. The encoded protein is localized in the inner membrane and facilitates the rapid transport and exchange of molecules between the cytosol and the mitochondrial matrix space. This gene has a possible role in Graves' disease. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified SLC25A16 protein (Cat# TP306966). The protein was produced from HEK293T cells transfected with SLC25A16 cDNA clone (Cat# [RC206966]) using MegaTran 2.0 (Cat# [TT210002]).