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Product datasheet for TP300976M

GDAP1L1 (NM_024034) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ganglioside-induced differentiation-associated protein 1-like 1 (GDAP1L1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200976 protein sequence Red=Cloning site Green=Tags(s) MATPNNLTPTNCSWWPISALESDAAKPAEAPDAPEAASPAHWPRESLVLYHWTQSFSSQKVRLVIAEKGL VCEERDVSLPQSEHKEPWFMRLNLGEEVPVIIHRDNIISDYDQIIDYVERTFTGEHVVALMPEVGSLQHA RVLQYRELLDALPMDAYTHGCILHPELTTDSMIPKYATAEIRRHLANATTDLMKLDHEEEPQLSEPYLSK QKKLMAKILEHDDVSYLKKILGELAMVLDQIEAELEKRKLENEGQKCELWLCGCAFTLADVLLGATLHRL KFLGLSKKYWEDGSRPNLQSFFERVQRRFAFRKVLGDIHTTLLSAVIPNAFRLVKRKPPSFFGASFLMGS LGGMGYFAYWYLKKKYI TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	41.8 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_076939

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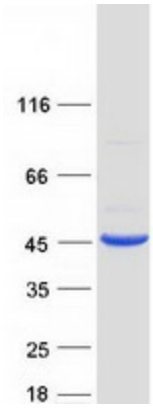
Locus ID:	78997
UniProt ID:	Q96MZ0
RefSeq Size:	2798
Cytogenetics:	20q13.12
RefSeq ORF:	1101
Synonyms:	dJ881L22.1; dJ995J12.1.1
Summary:	The ganglioside GD3 synthase causes cell differentiation with neurite sprouting when transfected into the mouse neuroblastoma cell line Neuro2a. After differentiation, the expression of several genes is upregulated, including one that encodes a protein termed ganglioside-induced differentiation-associated protein 1 (Gdap1). A similar gene was found in humans, and mutations in the human gene are associated with Charcot-Marie-Tooth type 4A disease. The protein encoded by this gene is similar in sequence to the human GDAP1 protein. Several transcript variants encoding different isoforms, as well as a noncoding transcript variant, have been found for this gene. [provided by RefSeq, Feb 2012]
Protein Families:	Transmembrane

Product images:



Coomassie blue staining of purified GDAP1L1 protein (Cat# [TP300976]). The protein was produced from HEK293T cells transfected with GDAP1L1 cDNA clone (Cat# [RC200976]) using MegaTran 2.0 (Cat# [TT210002]).