

Product datasheet for PH300976

GDAP1L1 (NM_024034) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	GDAP1L1 MS Standard C13 and N15-labeled recombinant protein (NP_076939)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200976
Predicted MW:	42 kDa
Protein Sequence:	>RC200976 protein sequence Red=Cloning site Green=Tags(s)
	MATPNNLTPNCSWWPISALESDAAKPAEAPDAPEAASPAHWPRESLVLYHWTQSFSSQKVRVIAEKGL VCEERDVSLPQSEHKPEWFMRLNLGEEVPVIIHRDNIISDYDQIIDYVERTFTGEHVVALMPEVGSQHA RVLQYRELLDALPMDAYTHGCILHPELTTDSMIPKYATAEIRRHLANATDLMKLDHEEEPQLSEPYLSK QKKLMAKILEHDDVSYLKKILGELAMVLDQIEAELEKRLKLENEGQKCELWLCGCAFTLADVLLGATLHRL KFLGLSKKYWEDGSRPNLQSFFERVQRRFAFRKVLGDIHTLLSAVIPNAFRLVCRKPPSFFGASFLMGS LGGMGYFAYWYLKKKYI
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_076939</u>
RefSeq Size:	2798
RefSeq ORF:	1101
Synonyms:	dj881L22.1; dj995J12.1.1
Locus ID:	78997



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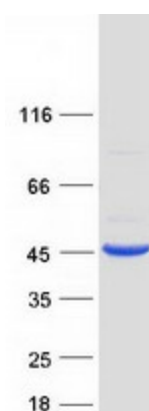
UniProt ID: [Q96MZ0](#)

Cytogenetics: 20q13.12

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]).