

# Recombinant Human GDAP1L1 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** GDAP1L1-2218H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	GDAP1L1 MS Standard C13 and N15-labeled recombinant protein (NP_076939) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	42 kDa
<b>AA Sequence</b>	MATPNNLTPTNCSWWPISALESDAAKPAEAPDAPEAASPAHWPRESLVLYHWTQS FSSQKVRLVIAEKGLVCEERDVSLPQSEHKPEWFMRLNLGEEVPVIIHRDNIISDYDQ IIDYVERTFTGEHVVALMPEVGS LQHARVLQYRELLDALPMDAYTHGCILHPELTTDS MIPKYATAEIRRHLANATTDLMKLDHEEPPQLSEPYLSKQKKLMAKILEHDDVSYLKKI LGELAMVLDQIEAELEKRKLENEGQKCELWLCGCAFTLADVLLGATLHRLKFLGLSK

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KYWEDGSRPNLQSFFERVQRRFAFRKVLGDIHTTLLSAVIPNAFRLVKRKPPSFFGA  
SFLMGSLGGMGYFAYWYLKKKYITRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** [GDAP1L1 ganglioside induced differentiation associated protein 1-like 1 \[ Homo sapiens \(human\) \]](#)

**Official Symbol** [GDAP1L1](#)

**Synonyms** ganglioside induced differentiation associated protein 1-like 1; 4213; Ensembl:ENSG00000124194; DKFZp761K228; ganglioside-induced differentiation-associated protein 1-like 1;GDAP1-L1; dJ881L22.1; dJ995J12.1.1

**Gene ID** [78997](#)

**mRNA Refseq** [NM\\_024034](#)

**Protein Refseq** [NP\\_076939](#)

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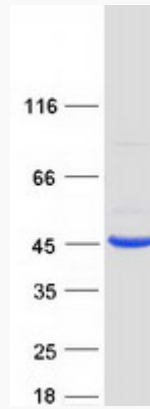
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UniProt ID

B7Z621

SDS-PAGE



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