

Recombinant Human GDAP1L1 Protein, GST-tagged

Cat. No. GDAP1L1-4814H Lot. No. (See product label)

SPECIFICATION

Product Overview Human GDAP1L1 full-length ORF (NP_076939.3, 1 a.a. - 367 a.a.) recombinant protein with GST-tag at N-terminal.

Species Human

Source Wheat Germ

Description 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. [provided by RefSeq]

Molecular Mass 68.4 kDa

AA Sequence

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MATPNNLTPTNCSWWPISALESDAAKPAEAPDAPEAASPAHWPRESLVLYHWTQS
FSSQKVRLVIAEKGLVCEERDVSLPQSEHKPEWFMRLNLGEEVPVIHRDNIISDYDQ
IIDYVERTFTGEHVVALMPEVGS LQHARVLQYRELLDALPMDAYTHGCILHPELTTDS
MIPKYATAEIRRHLANATTDLMKLDHEEPPQLSEPYLSKQKKLMAKILEHDDVSYLKKI
LGELAMVLDQIEAELEKRLKLENEGQKCELWLCGCAFTLADVLLGATLHRLKFLGLSK
KYWEDGSRPNLQSFFERVQRRFAFRKVLGDIHTTLLSAVIPNAFRLVKRKPPSFFGA
SFLMGSLGGMGYFAYWYLKKKYI
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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

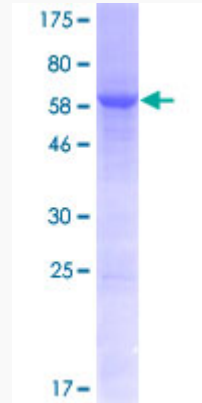
Gene Name	GDAP1L1 ganglioside induced differentiation associated protein 1-like 1 [Homo sapiens]
Official Symbol	GDAP1L1
Synonyms	ganglioside induced differentiation associated protein 1-like 1; 4213; Ensembl:ENSG00000124194; DKFZp761K228; ganglioside-induced differentiation-associated protein 1-like 1;GDAP1-L1; dJ881L22.1; dJ995J12.1.1
Gene ID	78997
mRNA Refseq	NM_001256737
Protein Refseq	NP_001243666
UniProt ID	B7Z621

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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