



Recombinant Human Ganglioside-induced differentiation-associated protein 1-like 1 (GDAP1L1)

Product Code	CSB-EP009339HU
Abbreviation	GDAP1L1
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q96MZ0
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MATPNNLTPT NCSWWPISAL ESDAAKPAEA PDAPEAASPA HWPRESLVLY HWTQSFSSQK VRLVIAEKGL VCEERDVSLP QSEHKPEWFM RLNLGEEVPV IHRDNIISD YDQIIDYVER TFTGEHVVAL MPEVGS LQHA RVLQYRELLD ALPMDAYTHG CILHPELTTD SMIPKYATAE IRRHLANATT DLMKLDHEEE PQLSEPYLSK QKKLMAKILE HDDVSYLKKI LGELAMVLDQ IEAELEKRKL ENEGQKCELW LCGCAFTLAD VLLGATLHRL KFLGLSKKYW EDGSRPNLQS FFERVQRRFA FRKVLGDIHT TLLSAVIPNA FRLVKRKPPS FFGASFLMGS LGGMGYFAYW YLKKKYI
Source	E.coli
Target Names	GDAP1L1
Protein Names	Recommended name: Ganglioside-induced differentiation-associated protein 1-like 1 Short name= GDAP1-L1
Expression Region	1-367
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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. This protein is similar in sequence to the human GDAP1 protein.

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.