

Product datasheet for RC219005L1

GAB1 (NM_002039) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: GAB1 (NM 002039) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: GAB1

Synonyms: DFNB26

Mammalian Cell None

Selection:

Vector:pLenti-C-Myc-DDK (PS100064)E. coli Selection:Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC219005).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





st The last codon before the Stop codon of the ORF.

ACCN: NM_002039

ORF Size: 2082 bp



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GAB1 (NM_002039) Human Tagged Lenti ORF Clone - RC219005L1

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of

reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing

variants is recommended prior to use. More info

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: <u>NM 002039.2</u>

RefSeq Size: 3323 bp
RefSeq ORF: 2085 bp
Locus ID: 2549

UniProt ID: Q13480

Cytogenetics: 4q31.21

Domains: PH

Protein Families: Druggable Genome

Protein Pathways: ErbB signaling pathway, Neurotrophin signaling pathway, Renal cell carcinoma

MW: 76.4 kDa

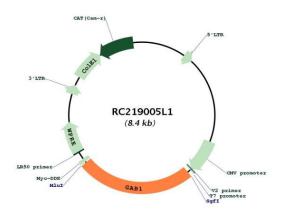
Gene Summary: The protein encoded by this gene is a member of the IRS1-like multisubstrate docking protein

family. It is an important mediator of branching tubulogenesis and plays a central role in cellular growth response, transformation and apoptosis. Two transcript variants encoding

different isoforms have been found for this gene. [provided by RefSeq, Aug 2008]



Product images:



Circular map for RC219005L1