

Product datasheet for TP304215L

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

CN: techsupport@origene.cn

G protein alpha Inhibitor 2 (GNAI2) (NM_002070) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human guanine nucleotide binding protein (G protein), alpha

inhibiting activity polypeptide 2 (GNAI2), 1 mg

Species: Human
Expression Host: HEK293T

Expression cDNA Clone >RC204215 protein sequence or AA Sequence: Red=Cloning site Green=Tags(s)

MGCTVSAEDKAAAERSKMIDKNLREDGEKAAREVKLLLLGAGESGKSTIVKQMKIIHEDGYSEEECRQYR AVVYSNTIQSIMAIVKAMGNLQIDFADPSRADDARQLFALSCTAEEQGVLPDDLSGVIRRLWADHGVQAC FGRSREYQLNDSAAYYLNDLERIAQSDYIPTQQDVLRTRVKTTGIVETHFTFKDLHFKMFDVGGQRSERK KWIHCFEGVTAIIFCVALSAYDLVLAEDEEMNRMHESMKLFDSICNNKWFTDTSIILFLNKKDLFEEKIT HSPLTICFPEYTGANKYDEAASYIQSKFEDLNKRKDTKEIYTHFTCATDTKNVQFVFDAVTDVIIKNNLK

DCGLF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK
Predicted MW: 40.3 kDa

Concentration: $>0.05 \mu g/\mu L$ as determined by microplate BCA method

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

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by

conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and

handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: NP 002061





Locus ID: 2771

UniProt ID: P04899, B3KP24

RefSeq Size: 2258
Cytogenetics: 3p21.31
RefSeq ORF: 1065

Synonyms: GIP; GNAI2B; H_LUCA15.1; H_LUCA16.1

Summary: The protein encoded by this gene is an alpha subunit of guanine nucleotide binding proteins

(G proteins). The encoded protein contains the guanine nucleotide binding site and is involved in the hormonal regulation of adenylate cyclase. Several transcript variants encoding different

isoforms have been found for this gene. [provided by RefSeq, Sep 2013]

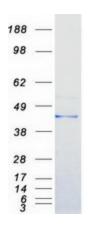
Protein Families: Druggable Genome

Protein Pathways: Axon guidance, Chemokine signaling pathway, Gap junction, Leukocyte transendothelial

migration, Long-term depression, Melanogenesis, Progesterone-mediated oocyte maturation,

Tight junction

Product images:



Coomassie blue staining of purified GNAI2 protein (Cat# [TP304215]). The protein was produced from HEK293T cells transfected with GNAI2 cDNA clone (Cat# [RC204215]) using MegaTran 2.0 (Cat# [TT210002]).