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Product datasheet for AR50544PU-S

G protein alpha Inhibitor 2 (1-355, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	G protein alpha Inhibitor 2 (1-355, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGCTVSAEDK AAAERSKMID KNLREDGEKA AREVKLLLLG AGESGKSTIV KQMKIIHEDG YSEEECRQYR AVVYSNTIQS IMAIVKAMGN LQIDFADPSR ADDARQLFAL SCTAEEQGVL PDDLSGVIRR LWADHGVQAC FGRSREYQLN DSAAYYLNDL ERIAQSDYIP TQQDVLRTRV KTTGIVETHF TFKDLHFKMF DVGGQRSERK KWIHCFEGVT AIIFCVALSA YDLVLAEDEE MNRMHESMKL FDSICNNKWF TDTSIILFLN KKDLFEEKIT HSPLTICFPE YTGANKYDEA ASYIQSKFED LNKRKDTKEI YTHFTCATDT KNVQFVFDAV TDVIIKNNLK DCGLF
Tag:	His-tag
Predicted MW:	42 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human GNAI2 proetin, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001159897
Locus ID:	2771
UniProt ID:	P04899, B3KX51, B3KP24
Cytogenetics:	3p21.31
Synonyms:	GIP; GNAI2B; H_LUCA15.1; H_LUCA16.1

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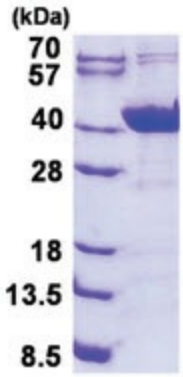
Summary: The protein encoded by this gene is an alpha subunit of guanine nucleotide binding proteins (G proteins). The encoded protein contains the guanine nucleotide binding site and is involved in the hormonal regulation of adenylate cyclase. Several transcript variants encoding different isoforms 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:



15% SDS-PAGE (3ug)

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