

Full-Length

GNAO1 (Human) Recombinant Protein (P02)

Catalog # H00002775-P02

Size 50 ug

Specification

Product Description	Human GNAO1 full-length ORF (BAG51601.1, 1 a.a. - 354 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MGCTLSAEERAALERSKAIEKNLKEDGISAAKDVKLLLLGAGESGKSTIVKQMKIIHEDGFSGEDV KQYKPVVYSNTIQSLAIVRAMDTLGIEYGDKERKADAKMVCDVVSRLMEDTEPFSAELLSAMMRL WGGSGIQECFNRSREYQLNGSAKYLDLDRIGAADYQPTEQDILRTRVKTTGIVETHFTFKNLHFR LFDVGGQRSEKRWIHCDFEDVTAIFCVALSQYDQVLHEDETTNRMHESLMLFDSICNNKFFIDTSII LFLNKKDLFGKIKKSPLTICFPEYTGPNYEDAAAYIQAQFESKNRSPNKEIYCHMTCATDTNNIQV VFDAVTDIIANNLRGCGLY
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	66.3
Interspecies Antigen Sequence	Mouse (97); Rat (98)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production

- Protein Array

Gene Info — GNAO1

Entrez GeneID	2775
GeneBank Accession#	AK056008.1
Protein Accession#	BAG51601.1
Gene Name	GNAO1
Gene Alias	DKFZp686O0962, G-ALPHA-o, GNAO
Gene Description	guanine nucleotide binding protein (G protein), alpha activating activity polypeptide O
Omim ID	139311
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	guanine nucleotide binding protein, alpha activating polypeptide O

Pathway

- [Long-term depression](#)
- [Melanogenesis](#)

Disease

- [Hypercholesterolemia](#)
- [Tobacco Use Disorder](#)