

Recombinant Full Length Human GNAO1 Protein, GST-tagged

Cat. No. GNAO1-5326HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GNAO1 full-length ORF (BAG51601.1, 1 a.a. - 354 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	354 amino acids
Description	The protein encoded by this gene represents the alpha subunit of the Go heterotrimeric G-protein signal-transducing complex. Defects in this gene are a cause of early-onset epileptic encephalopathy. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2015]
Molecular Mass	66.3 kDa
AA Sequence	MGCTLSAEERAALERSKAIEKNLKEDGISAADVKLLLLGAGESGKSTIVKQMKIIHED GFSGEDVKQYKPVVYSNTIQSLAAIVRAMDTLGIEYGDKERKADAKMVCDVVSME DTEPFSAELLSAMMRLWGGSGIQECFNRSREYQLNGSAKYLLDSLDRIGAADYQPT EQDILRTRVKTTGIVETHFTFKNLHFRLFDVGGQRSEKRWIHCEDVTAIIFCVALSG YDQVLHEDETTNRMHESLMLFDSICNNKFFIDTSIILFLNKKDLFGEEKIKKSPLTICFPE YTGPNTRYEDAAAYIQAQFESKNRSPNKEIYCHMTCATDTNNIQVVFDAVTDIIIANNLR GCGLY
Applications	Enzyme-linked Immunoabsorbent Assay

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	GNAO1 guanine nucleotide binding protein (G protein), alpha activating activity polypeptide O [Homo sapiens]
Official Symbol	GNAO1
Synonyms	GNAO1; guanine nucleotide binding protein (G protein), alpha activating activity polypeptide O; guanine nucleotide-binding protein G(o) subunit alpha; G ALPHA o; guanine nucleotide binding protein, alpha activating polypeptide O; GNAO; G-ALPHA-o; DKFZp686O0962;
Gene ID	2775
mRNA Refseq	NM_020988
Protein Refseq	NP_066268
MIM	139311
UniProt ID	P09471

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