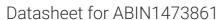
# antibodies - online.com





## **GNAI1 Protein (AA 2-354) (His tag)**



Go to Product page

$\sim$				
	11/6	٦r١	/10	۱۸.

Quantity:	1 mg
Target:	GNAI1
Protein Characteristics:	AA 2-354
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GNAI1 protein is labelled with His tag.
Application:	ELISA

Product Details	
Sequence:	GCTLSAEDK AAVERSKMID RNLREDGEKA AREVKLLLLG AGESGKSTIV KQMKIIHEAG
	YSEEECKQYK AVVYSNTIQS IIAIIRAMGR LKIDFGDAAR ADDARQLFVL AGAAEEGFMT
	AELAGVIKRL WKDSGVQACF NRSREYQLND SAAYYLNDLD RIAQPNYIPT QQDVLRTRVK
	TTGIVETHFT FKDLHFKMFD VGGQRSERKK WIHCFEGVTA IIFCVALSDY DLVLAEDEEM
	NRMHESMKLF DSICNNKWFT DTSIILFLNK KDLFEEKIKK SPLTICYPEY AGSNTYEEAA
	AYIQCQFEDL NKRKDTKEIY THFTCATDTK NVQFVFDAVT DVIIKNNLKD CGLF
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien
	cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

#### **Target Details**

Target:	GNAI1	
Alternative Name:	Guanine nucleotide-binding protein G (i) subunit alpha-1 (Gnai1) (GNAI1 Products)	
Background:	Recommended name: Guanine nucleotide-binding protein G(i) subunit alpha-1.  Alternative name(s): Adenylate cyclase-inhibiting G alpha protein	
UniProt:	P10824	
Pathways:	thways: G-protein mediated Events	

#### **Application Details**

#### Comment:

The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions:

For Research Use only

### Handling

Format:	Lyophilized	
Concentration:	0.2-2 mg/mL	
Buffer:	Tris-based buffer, 50 % glycerol	
Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week	
Storage:	-20 °C	
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.	