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Datasheet for ABIN1459575 GNAT3 Protein (AA 2-354) (His tag)



Overview	
Quantity:	1 mg
Target:	GNAT3
Protein Characteristics:	AA 2-354
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GNAT3 protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	GIGISSESK ESAKRSKELE KKLQEDAERD ARTVKLLLLG AGESGKSTIV KQMKIIHKNG
	YSEQECMEFK AVIYSNTLQS ILAIVKAMAT LEIDYVNPRS AEDQQQLCAM ANTLEDGSMT
	PELAEIIKRL WRDPGVQACF ERASEYQLND SAAYYLNDLD RIAAPGYVPN EQDVLHSRVK
	TTGIIETQFS FKDLHFRMFD VGGQRSERKK WIHCFEGVTC IIFCAALSAY DMVLVEDEEV
	NRMHESLHLF NSICNHKYFA TTSIVLFLNK KDLFQEKVTK VHLSICFPEY TGPNTFEDAG
	NYIKNQFLDL NLKKEDKEIY SHMTCATDTQ NVKFVFDAVT DIIIKENLKD CGLF
Specificity:	Bos taurus (Bovine)
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 %

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Target Details

Target:	GNAT3
Alternative Name:	Guanine nucleotide-binding protein G (t) subunit alpha-3 (GNAT3) (GNAT3 Products)
Background:	Recommended name: Guanine nucleotide-binding protein G(t) subunit alpha-3. Alternative name(s): Gustducin alpha-3 chain
UniProt:	P0C7Q4
Pathways:	Peptide Hormone Metabolism, G-protein mediated Events, Phototransduction

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.