Datasheet for ABIN1662207

GNAQ Protein (AA 1-359) (His tag)

Go to Product page

Overview

Quantity:	1 mg
Target:	GNAQ
Protein Characteristics:	AA 1-359
Origin:	Xenopus laevis
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GNAQ protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MTLESIMACC LSEEAEEARR INDEIERQLR RDKRDARREL KLLLLGTGES GKSTFIKQMR IIHGSGYSDE DKRGFTKLVY QNIFSAMQAM IRAMETLKIP YKYEHNKGHA LLVREVDVEK VASFENPYVD AIKYLWNDPG IQECYDRRRE YQLSDSTKYY LNDLDRIATH GYLPTQQDVL RVRVPTTGII EYPFDLQSVI FRMVDVGGQR SERRKWIHCF ENVTSIMFLV ALSEYDQVLV ESDNENRMEE SKALFRTIIT YPWFQNSSVI LFLNKKDLLE EKIMYSHLVD YFPEYDGPQR DAQAAREFIL KMFVDLNPDS DKIIYSHFTC ATDTENIRFV FAAVKDTILQ LNLKEYNLV
Specificity:	Xenopus laevis (African clawed frog)
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:	GNAQ
Alternative Name:	Guanine nucleotide-binding protein G (q) subunit alpha (GNAQ Products)
Background:	Recommended name: Guanine nucleotide-binding protein G(q) subunit alpha. Alternative name(s): Guanine nucleotide-binding protein alpha-q
UniProt:	P38410
Pathways:	JAK-STAT Signaling, Thyroid Hormone Synthesis, Myometrial Relaxation and Contraction

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.