

Datasheet for ABIN1654874

ATG13 Protein (AA 1-474) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ATG13
Protein Characteristics:	AA 1-474
Origin:	Chimpanzee
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ATG13 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	METDLNSQDR KDLDKFIKFF ALKTVQVIVQ ARLGEKICTR SSSSPTGSDW FNLAIKDIPE ITHEAKKALA GQLPAVGRSM CVEISLKTSE GDSMELEIWC LEMNEKCDKE IKVSYTVYNR LSLLLKSLLA ITRVTPAYRL SRKQGHEYVI LYRIYFGEVQ LSGLGEGFQT VRVGTGTPV GTITLSCAYR INLAFMSTRQ FERTPPIMGI IIDHFVDRPY PSSSPMHPCN YRTAGEDTGV IYPSVEDSQE VCTTSFSTSP PSQLMVPGKE GGVPLAPNQP VHGTHADQER LATCTPSDGT HCAATPSSSE DTETVSNSSE GRASPHDVLE TIFVRKVGAF VNKPINQVTL TSLDIPFAMF APKNLELEDT DPMVNPPDSP ETESPLQGSL HSDGSSGGSS GNTHDDFVMI DFKPAFSKDD ILPMDLGTFY REFQNPPQLS SLSIDIGAQS MAEDLDSLPE KNVREFDAFV ETLQ
Specificity:	Pan troglodytes (Chimpanzee)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity: > 90 %

Target Details

Target: ATG13

Alternative Name: Autophagy-related protein 13 (ATG13) ([ATG13 Products](#))

Background: Recommended name: Autophagy-related protein 13

UniProt: [A5A6N3](#)

Pathways: [PI3K-Akt Signaling](#), [Autophagy](#)

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 modified 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.