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Datasheet for ABIN1677171

GAS8 Protein (AA 1-471) (His tag)

Overview

Quantity:	1 mg
Target:	GAS8
Protein Characteristics:	AA 1-471
Origin:	Chlamydomonas reinhardtii
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GAS8 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MAPKKKGTKK ESKKDAVATG DIEGASVEEL NQKIGTLEKE KNKEEEYRNY MQLERDKINA FWEITKKDLE DRRaelRNKD REMEEMEERH QVEIKVYKQK VKHLLYEHQN NITTLKSDGE LALKLQQDEY RKREGDLGKD KRNLKLELKE QELAHQDIIR QLKLEHAKEI TKLRQEFEQQ AKDLQSKYEK KMKMLRDDME LRRKQEIHEI EERKNTHINE LMKKHERAFA EIKNYNDIT HNNLDLIKTL KEDVAEMKRR EAANEKLMYE IAQDNKKLSE PLSRALKEVE LLRQQLANYD KDKLSLAQTK ARLLNAERQI KNLEWENEVL SQRFSKVQTE RDELYGKFEA SIYDVQKQKG LKSALLEKKV EALGEALEMK EAQLAEVLTA ANLDPGTLAA INQRLEEVLN NKNQIIKALQ YDVAKVSKAH NDLIRVYEAK LTFEGIPVDE LGFRPLVTNT STGPAGLVVG A
Specificity:	Chlamydomonas reinhardtii (Chlamydomonas smithii)
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: GAS8

Alternative Name: Growth arrest-specific protein 8 homolog (GAS8) ([GAS8 Products](#))

Background: Recommended name: Growth arrest-specific protein 8 homolog.
Alternative name(s): Protein PF2

UniProt: [Q7XJ96](#)

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 modiflicated 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.