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Datasheet for ABIN1625756

**GCD14 Protein (AA 1-474) (His tag)**

## Overview

Quantity:	1 mg
Target:	GCD14
Protein Characteristics:	AA 1-474
Origin:	Aspergillus oryzae
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GCD14 protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	MHSPFLTPGS RSQLDNLALL QLRRDQTIPT ILQLHDEKNG GYKEGKVTNT RFGSFPHTL CDQPWGSQII ASKVDTGSRG RTQKMKRKAD ELDSSTQAED KPSPQTPVAA SSGFLHLLYP TPELWTASLP HRTQVVYTPD YSYILHRLRA RPGSTVIEAG AGSGSFTHAS VRAVFNGYPS DDQPTKKRRL GKVCSFEFHA QRAEKVRVEV NQHGLDGLVE VTHRDVYEDG FLLGDPKTGK SPKANAIFLD LPAPWLALKH LVRNPPEGTE SPLDPTSPVY ICTFSPCLEQ VQRTISTLRQ LGWLGISMVE VNNRRIEVKR ERVGLDLGNI RGTVVFPKSV DEAVERTAL EERAQLFRAT QNQSDGDSTP APKAENEAKG GQGESEVPVY KQGRVMTRSE LDLKNHTSYL VFALPREWT EEDEKRCREK WPSNRVQEPQ GPQKSKKQLK RESREKRDQ RKEQSQPETE SQKE
Specificity:	Aspergillus oryzae (strain ATCC 42149 / RIB 40) (Yellow koji mold)
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: GCD14

Alternative Name: tRNA (adenine (58)-N (1))-methyltransferase catalytic subunit trm61 (trm61) ([GCD14 Products](#))

Background: Recommended name: tRNA (adenine(58)-N(1))-methyltransferase catalytic subunit trm61.  
EC= 2.1.1.220.  
Alternative name(s): tRNA(m1A58)-methyltransferase subunit trm61.  
Short name= tRNA(m1A58)MTase subunit trm61

UniProt: [Q2U3W4](#)

## 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

## Handling

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Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.