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Datasheet for ABIN1667087
ORM1 Protein (AA 19-205) (His tag)

Overview

Quantity:	1 mg
Target:	ORM1
Protein Characteristics:	AA 19-205
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ORM1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	QN PEPANITLGI PITNETLKWL SDKWFYMGAA FRDPVFKQAV QTIQTEYFYL TPNLINDTIE LREFQTDDQ CVYNFTHLGV QRENGTLSKC AGAVKIFAHL IVLKKHGTFM LAFNLTDENR GLSFYAKKPD LSPELRKIFQ QAVKDVGMDE SEIVFVDWTK DKCSEQKQKQ LELEKETKKE TKKDP
Specificity:	Rattus norvegicus (Rat)
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.
Purity:	> 90 %

Target Details

Target:	ORM1
Alternative Name:	Alpha-1-acid glycoprotein (Orm1) (ORM1 Products)

Target Details

Background: Recommended name: Alpha-1-acid glycoprotein.
Alternative name(s): Orosomucoid.
Short name= OMD

UniProt: [P02764](#)

Pathways: [Response to Growth Hormone Stimulus](#)

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.
