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Datasheet for ABIN1611510 **GRP94 Protein (AA 1-400) (His tag)**

Overview

Quantity:	1 mg
Target:	GRP94 (HSP90B1)
Protein Characteristics:	AA 1-400
Origin:	Golden Syrian Hamster
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This GRP94 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	KKSDYIKLYV RRVFITDDFH DMMPKYLNFV KGVVDSDDL P LNVSRETLQQ HKLLKVIRKK LVRKTLDMIK KIADEKYNDT FWKEFGTNIK LGVIEDHSNR TRLAKLLRFQ SSHHSTDITS LDQYVERMKE KQDKIYFMAG SSRKEAESSP FVERLLKKG Y EVIYLTEPVD EYCIQALPEF DGKRFQNVAK EGVKFDESEK TKENREATEK EFEP LLNWMK DKALKDKIEK AVVSQRLTES PCALVASQYG WSGNMERIMK AQAYQTGKDI STNYYASQKK TFEINPRHPL IRDMLRRVKE DEDDKTVLDL AVVLFETATL RSGYLLPDTK AYADRIERML RLSLNIDPEA QVEEPEEEEE EDTTEDTEQD EEEEVDAGTE EEEEEEQETA KESTA EKDEL
Specificity:	Mesocricetus auratus (Golden hamster)
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:	GRP94 (HSP90B1)
Alternative Name:	Endoplasmin (HSP90B1) (HSP90B1 Products)
Background:	Recommended name: Endoplasmin. Alternative name(s): 94 kDa glucose-regulated protein. Short name= GRP-94 Heat shock protein 90 kDa beta member 1
UniProt:	P08712
Pathways:	Thyroid Hormone Synthesis , Activation of Innate immune Response , ER-Nucleus Signaling , Toll-Like Receptors Cascades

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.