

Datasheet for ABIN1476438
EGFR Protein (AA 1-85) (His tag)



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Overview

Quantity:	1 mg
Target:	EGFR
Protein Characteristics:	AA 1-85
Origin:	Rhesus Monkey
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This EGFR protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	HQSDVWSYGV TWELMTFGS KPYDGIPASE ISSILEKGER LPQPPICTID VYMIMVKCWM IDADSRPKFR ELIIEFSKMA RDPQR
Specificity:	Macaca mulatta (Rhesus macaque)
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:	EGFR
Abstract:	EGFR Products

Target Details

Background:	Recommended name: Epidermal growth factor receptor. EC= 2.7.10.1
UniProt:	P55245
Pathways:	NF-kappaB Signaling , RTK Signaling , Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Stem Cell Maintenance , Hepatitis C , Positive Regulation of Response to DNA Damage Stimulus , Interaction of EGFR with phospholipase C-gamma , Thromboxane A2 Receptor Signaling , EGFR Downregulation , S100 Proteins

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.