

Datasheet for ABIN1047127

ERAS Protein (AA 3-230, partial) (His tag)



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1 Image

Overview

Quantity:	100 µg
Target:	ERAS
Protein Characteristics:	AA 3-230, partial
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ERAS protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	LPTKPGTFDL GLATWSPSFQ GETHRAQARR RDVGRQLPEY KAVVVGASGV GKSALTIQLN HQCFVEDHDP TIQDSYWKEL TLDSGDCILN VLDTAGQAIH RALRDQCLAV CDGVLGVFAL DDPSSLIQLQ QIWATWGPHP AQPLVLVGNK CDLVTTAGDA HAAAAALAHS WGAHFVETSA KTRQGVVEAF SLLVHEIQRV QEAMAKEPMA RSCREKTRHQ KATCHCGC
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:	ERAS
Alternative Name:	GTPase ERas protein (ERAS Products)

Target Details

Background:	Ras proteins bind GDP/GTP and possess intrinsic GTPase activity. Plays an important role in the tumor-like growth properties of embryonic stem cells
Molecular Weight:	28.9 kD
UniProt:	P01116

Application Details

Comment:	<p>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.</p>
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Restrictions:	For Research Use only
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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



SDS-PAGE

Image 1. E-Ras (AA 3-230), (partial) protein (His tag)