Datasheet for ABIN1628734

Ethylene-Responsive Transcription Factor 4 (ERF4) (AA 1-225) protein (His tag)

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Overview

Quantity:	1 mg
Target:	Ethylene-Responsive Transcription Factor 4 (ERF4)
Protein Characteristics:	AA 1-225
Origin:	Nicotiana tabacum
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	ELISA

Product Details

Sequence:	MAVKNKVSNG NLKGGNVKTD GVKEVHYRGV RKRPWGRYAA EIRDPGKKSR VWLGTFDTAE EAAKAYDTAA REFRGPKAKT NFPSPTENQS PSHSSTVESS SGENGVHAPP HAPLELDLTR RLGSVAADGG DNCRRSGEVG YPIFHQQPTV AVLPNGQPVL LFDSLWRAGV VNRPQPYHVT PMGFNGVNAG VGPTVSDSSS AVEENQYDGK RGIDLDLNLA PPMEF
Specificity:	Nicotiana tabacum (Common tobacco)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

Target Details

Target:	Ethylene-Responsive Transcription Factor 4 (ERF4)

Target Details

Abstract:	ERF4 Products
Background:	Recommended name: Ethylene-responsive transcription factor 4. Alternative name(s): Ethylene-responsive element-binding factor 3. Short name= EREBP-3 Ethylene-responsive element-binding factor 4 homolog NtERF3
UniProt:	Q40477
Pathways:	Activation of Innate immune Response

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 modificated 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.