Datasheet for ABIN1652400

Ethylene-Responsive Transcription Factor 5 (ERF5) (AA 1-282) protein (His tag)

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Overview

Quantity:	1 mg
Target:	Ethylene-Responsive Transcription Factor 5 (ERF5)
Protein Characteristics:	AA 1-282
Origin:	Nicotiana tabacum
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	ELISA

Product Details

Sequence:	MASPQENSTT LDLIRQHLLD DNVFLEHYCS ETETTTLIYS QSSSSSESLD QSFSFEPTLN YATTAQSSNL EVSTFFNNSK TEFDSFEFGT IPNVSAARSS SLKQTSFKER KPSLNIAIPV KQEVVQKVEL APTEKKHYRG VRQRPWGKFA AEIRDPNRKG TRVWLGTFDT AIEAAKAYDR AAYKLRGSKA IVNFPLEVAN FKQEFNNEIR PLVNSSRKRV RETVNEEQLV INKEMKIEEE RVPTAPLTPS SWSAIWDSGD GKGIFEVPPL SPFGAYSQLV MI
Specificity:	Nicotiana sylvestris (Wood tobacco) (South American 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 5 (ERF5)
Abstract:	ERF5 Products
Background:	Recommended name: Ethylene-responsive transcription factor 5. Alternative name(s): Ethylene-responsive element-binding factor 4. Short name= EREBP-4 Ethylene-responsive element-binding factor 5 homolog NsERF4
UniProt:	Q9LW48

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.