Datasheet for ABIN7583569

ATF2 Protein (AA 1-487) (His tag)

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Overview

Quantity:	100 µg
Target:	ATF2
Protein Characteristics:	AA 1-487
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This ATF2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MSDDKPFLCT APGCGQRFTN EDHLAVHKHK HEMTLKFGPA RNDSVIVADQ TPTPTRFLKN CEEVGLFNEL ASPFENEFKK ASEDDIKKMP LDLSPLATPI IRSKIEEPSV VETTHQDSPL PHPESTTNDE KEIPLAQTAQ PTSAIVRPAS LQVPNVLLTS SDSSVIIQQA VPSPTSSTVI TQAPSSNRPI VPVPGPFPLL LHLPNGQTMP VAIPASITSS NVHVPAAVPL VRPVTMVPSV PGIPGPSSPQ PVQSEAKMRL KAALTQQHPP VTNGDTVKGH GSGLVRAQSE ESRPQSLQQP ATSTTETPAS PAHTTPQTQN TSGRRRRAAN EDPDEKRRKF LERNRAAASR CRQKRKVWVQ SLEKKAEDLS SLNGQLQSEV TLLRNEVAQL KQLLLAHKDC PVTAMQKKSG YHTADKDDSS EDLSVPSSPH TEAIQHSSVS TSNGVSSTSK TEAGATSVLT QMADQSTEPA LSQIVMAPSS QAQPSGS
Specificity:	Rattus norvegicus (Rat)
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.

Product Details

Purity:	> 90 %

Target Details

Target:	ATF2
Alternative Name:	Cyclic AMP-dependent transcription factor ATF-2 (Atf2) (ATF2 Products)
Background:	Recommended name: Cyclic AMP-dependent transcription factor ATF-2. Short name= cAMP-dependent transcription factor ATF-2. Alternative name(s): Activating transcription factor 2 cAMP response element-binding protein CRE-BP1
UniProt:	Q00969
Pathways:	MAPK Signaling, RTK Signaling, Thyroid Hormone Synthesis, Activation of Innate immune Response, Chromatin Binding, Myometrial Relaxation and Contraction, Synaptic Membrane, Tube Formation, 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 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

Handling

	one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.