Datasheet for ABIN1458922

TGFB2 Protein (AA 21-300) (His tag)

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Overview

Quantity:	1 mg
Target:	TGFB2
Protein Characteristics:	AA 21-300
Origin:	Chicken
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TGFB2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	LSTCSTLDMD QFMRKRIEAI RGQILSKLKL TSPPDEYPEP EEVPPEVISI YNSTRDLLQE KANHRAATCE RERSDEEYYA KEVYKIDMQP FYPENAIPPS YYSLYFRIVR FDVSAMEKNA SNLVKAEFRV FRLQNSKARV SEQRIELYQV LKSKELSSPG QRYIDSKVVK TRAEGEWLSF DVTEAVHEWL HHRDRNLGFK ISLHCPCCTF VPSNNYIIPN KSEEPEARFA GIDDYTYSSG DVKALKSNRK KYSGKTPHLL LMLLPSYRLE SQQPSRRKKR
Specificity:	Gallus gallus (Chicken)
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:	TGFB2
Alternative Name:	Transforming growth factor beta-2 (TGFB2) (TGFB2 Products)
Background:	Recommended name: Transforming growth factor beta-2. Short name= TGF-beta-2
UniProt:	P30371
Pathways:	Cell-Cell Junction Organization, Production of Molecular Mediator of Immune Response, Protein targeting to Nucleus

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.