Datasheet for ABIN7589197

TGFB1I1 Protein (AA 1-456) (His tag)

Go to Product page

Overview

Quantity:	100 µg
Target:	TGFB1I1
Protein Characteristics:	AA 1-456
Origin:	Cow
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TGFB1I1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MEDLDALLSD LETTTSHMPR SGALKERPPE PLTSPLTQMG PGESSGASGD KDHLYSTVCK PRSPKPAAPA TPPFSSSCGV LGTGLCELDR LLQELNATQF NITDEIMSQF PSSKETAGEQ KEDQSEDKKR PSPPPSPSPV LPKPSATSAT LELDRLMASL SDFRVQNHLP ASGPTPPPVP SSMSEDTPSP PGPTSKGSLD TMLGLLQSDL SRRGVPTQAK GLCGSCNKPI AGQVVTALGR AWHPEHFVCG GCSTALGGSS FFEKDGAPFC PECYFERFSP RCGLCNQPIR HKMVTALGTH WHPEHFCCVS CGEPFGDEGF HEREGRPYCR RDFLQLFAPR CQGCQGPILD NYISALSALW HPDCFVCREC FAPFSGGSFF EHEGRPLCEN HFHARRGSLC ATCGLPVTGR CVSALGRRFH PDHFTCTFCL RPLTKGSFQE RAGKPYCQPC FLKLFG
Specificity:	Bos taurus (Bovine)
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:	TGFB1I1
Alternative Name:	Transforming growth factor beta-1-induced transcript 1 protein (TGFB1I1) (TGFB1I1 Products)
Background:	Recommended name: Transforming growth factor beta-1-induced transcript 1 protein. Alternative name(s): Hydrogen peroxide-inducible clone 5 protein. Short name= Hic-5
UniProt:	Q3MHZ4
Pathways:	Intracellular Steroid Hormone Receptor Signaling Pathway, VEGF Signaling

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

Handling

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