Datasheet for ABIN7591022

TGFB1I1 Protein (AA 1-461) (His tag)

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Overview

Quantity:	100 µg
Target:	TGFB1I1
Protein Characteristics:	AA 1-461
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TGFB1I1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MEDLDALLSD LETTTSHMSR LGAPKERPPE TLTPPPPYGH QPQTGSGESS GASGDKDHLY STVCKPRSPK SVAPVAPPFS SSSGVLGNGL CELDRLLQEL NATQFNITDE IMSQFPSSKM AEGEGKEDQS EDKSITTVPS STFPAPSKPS ATSATQELDR LMASLSDFRV QNHLPASGPP QPPAVSPTRE GCPSPPGQTN KGSLDTMLGL LQSDLSRRGV PTQAKGLCGS CNKPIAGQVV TALGRAWHPE HFLCRGCSTT LGGSSFFEKD GAPFCPECYF ERFSPRCGFC NQPIRHKMVT ALGTHWHPEH FCCVSCGEPF GEEGFHEREG RPYCRRDFLQ LFAPRCQGCQ GPILDNYISA LSALWHPDCF VCRECLAPFS GGSFFEHEGR PLCENHFHAQ RGSLCATCGL PVTGRCVSAL GRRFHPDHFT CTFCLRPLTK GSFQERASKP YCQPCFLKLF G
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:	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): Androgen receptor-associated protein of 55 kDa Hydrogen peroxide-inducible clone 5 protein. Short name= Hic-5
UniProt:	Q99PD6
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

Handling

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