Datasheet for ABIN1475891

TIGD5 Protein (AA 1-642) (His tag)

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Overview

Quantity:	1 mg
Target:	TIGD5
Protein Characteristics:	AA 1-642
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TIGD5 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	MYPASPSAGP ALHPVPHRAR LPRPRCLAEP PRSPAPGPGS TARPPPPAPG PRPRVAVKMT FRKAYSIKDK LQAIERVKGG ERQASVCRDF GVPGGTLRGW LKDEPKLRWF LDQLGGEVGT QRKKMRLANE EEIDRAVYSW FLTLRQHGVP LSGPVIQAQA EAFARQIYGP ECTFKASHGW FWRWQKRHGI SSQRIYGEAE PPVAGPAPVK EEPAQPSSAG LLLDGTPATL PHSEGGYGDE QIYNANVTGL YWRLLPEQNA TPGTGDSREP GECSRRWCSD RVTVLLAANL TGSHKLKPLV IGQLPDPPSL RHHNQDKFPA SYRYSPDAWL SRPLLRGWFF EEFVPGVKRY LRRSCLQQKA VLLVAHPPCP SWTTSMPAVE ESEGTPRQCQ PELLGSPEEL QTPDGAVRVL FLSRGNSRAH IPAPLEHGVV AAFKHLYKRE LLRLAVSCAS GSPLDFMRSF MLKDMLYLAG LSWDLVQAGS IERCWLLGLR AAFEPGQQPA HQVEEAAEHS RMLSDLTHLA ALAYKRLAPE EVAEWLHLDD DGGLPEGCGE EVAPAAPPSP ASLPSSIGAG EEEEEEATEQ GGVLVPTAGE AVWGLETALR WLESQDPREV GPLRLVQLRS LITMARRLGG IGPSAAASDD GV
Specificity:	Rattus norvegicus (Rat)

Product Details

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:	TIGD5
Abstract:	TIGD5 Products
Background:	Recommended name: Tigger transposable element derived 5
UniProt:	B1WC39

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.