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Datasheet for ABIN1656148 TRF1 Protein (AA 2-438) (His tag)



Overview	
Quantity:	1 mg
Target:	TRF1 (TERF1)
Protein Characteristics:	AA 2-438
Origin:	Chinese Hamster
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This TRF1 protein is labelled with His tag.
Application:	ELISA
Product Details	
Sequence:	AEDVSSTAP SPRGCADGRD ADPTEEQMAQ TQRNDQDQFE CQELLECQVQ VGAPDEEEEE
	EEDSGLVAEA EAVAAGWMLH FLCLSLCRAF RDGRSEDFRR TRNSAEAIIH GLSSLTACQL
	RTIYICQFLT RIAAGKTLDA QFENDERITP LESALMIWGS IEKEHDKLHE EIQNLIKIPA
	IAVCMENGNF KEAEEVFERI FGDPNSHMPF KSKLLMIISQ KDTFHSFFQH FSYYHMMEKI
	KSYVNYVLSE KSSTFLMKAA AKVVESKRTR TITSQDKPSG NDVEMETEAN LDTRKSVSDK
	QSAVTESSEG TVSLLRSHKN LFLSKLQHGT QQQDLNKKER RVGTPQSTKK KKESRRATES
	RIPVSKSQPV TPEKHRARKR QAWLWEEDKN LRSGVRKYGE GNWSKILLHY KFNNRTSVML
	KDRWRTMKKL KLISSDSE
Specificity:	Cricetulus griseus (Chinese hamster) (Cricetulus barabensis griseus)
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.

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Product Details

Purity:

> 90 %

Target Details

Target:	TRF1 (TERF1)
Alternative Name:	Telomeric repeat-binding factor 1 (TERF1) (TERF1 Products)
Background:	Recommended name: Telomeric repeat-binding factor 1. Alternative name(s): TTAGGG repeat-binding factor 1
UniProt:	055036
Pathways:	Cell Division Cycle, Telomere Maintenance, Hormone Transport, Chromatin Binding, Regulation of Cell Size, Positive Regulation of Endopeptidase Activity

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

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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

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

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