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Datasheet for ABIN1475327

## Transferrin Receptor 2 Protein (TFR2) (AA 103-798) (His tag)

### Overview

Quantity:	1 mg
Target:	Transferrin Receptor 2 (TFR2)
Protein Characteristics:	AA 103-798
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This Transferrin Receptor 2 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>RGSCQACG DSVLVVGEDV</p> <p>NSEDSSRGTL YWSDLQDMFL RFLGEGRMED TIRLTSLRER VAGSARMATL VQDILDKLSR</p> <p>QKLDHVWTDH HYVGLQFPDP AHPNTLHWVG ADGSVQEQLP LEDPEVYCPY SATGNATGKL</p> <p>VYAHYGRRED LQDLKAKDVE LAGSLLLVR GITSFQAKVA IAQDFGAHGV LIYPDPADFS</p> <p>QDPHKPGLSS DRAVYGHVHL GTGDPYTPGF PSFNQTQFPP VESSGLPNIP AQPISADVAD</p> <p>RLLRKLTPGV APQEWKGRSL DSPYRLGPGP GLRLVNNHR TSTPISNIFA CIEGFAEPDH</p> <p>YVVIGAQRDA WPGGAAKSAV GTAILLELVR TFSSMVSSGF RPRRSLLFIS WGGGDFGSVG</p> <p>ATEWLEGYLS VLHLKAVVYV SLDNSVLGDG KFHAKTSPLL VSLIENILKQ VDSPNHSGQT</p> <p>LYDQVAFTHP SWDAEVIQPL PMDSSAYSFT AFAGVPAVEF SFMEDDRVYP FLHTKEDTYE</p> <p>NLHKMLRGRL PAVVLAVAQL AGQLLIRLSH DHLLPLDFGR YGDVVLRHIG NLNEFSGDLK</p> <p>ARGLTLQWVY SARGDYIRAA EKLKKEIYSS EQSDERLMRM YNVRIMRVEF YFLSQYVSPA</p> <p>DSPFRHIFLG QGDHTLGALV EHLRMLRSDG SGAASSGLSP GLGFQESRFR RQLALLTWTL</p>
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## Product Details

QGAANALSGD VWNIDNNF

Specificity: Rattus norvegicus (Rat)

Characteristics: Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

## Target Details

Target: Transferrin Receptor 2 (TFR2)

Alternative Name: Transferrin receptor protein 2 (Tfr2) ([TFR2 Products](#))

Background: Recommended name: Transferrin receptor protein 2.  
Short name= Tfr2

UniProt: [B2GUY2](#)

Pathways: [Transition Metal Ion Homeostasis](#)

## 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 modified 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

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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.