

Datasheet for ABIN7561654

## Transferrin Receptor 2 Protein (TFR2) (AA 1-798) (His tag)



[Go to Product page](#)

### Overview

Quantity:	1 mg
Target:	Transferrin Receptor 2 (TFR2)
Protein Characteristics:	AA 1-798
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Transferrin Receptor 2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat Tfr2 Protein expressed in mammalian cells.
Sequence:	<p>MEQRWGLLRV VQWSPRPSQ TIYRRVEGPQ LEHLEEDRE EGAELPAQFC PMELKGPEHL</p> <p>GSCPGRSIP PWAAAGRKAA PYLVLTLLI FTGAFLGYY AFRGSCQACG DSVLVVDEDV</p> <p>NPEDSGRTTL YWSDLQAMFL RFLGEGRMED TIRLTSLRER VAGSARMATL VQDILDKLSR</p> <p>QKLDHVWTDH HYVGLQFPDP AHANTLHWVD ADGSVQEQLP LEDPEVYCPY SATGNATGKL</p> <p>VYAHYGRSED LQDLKAKGVE LAGSLLLVRV GITSFAQKVA VAQDFGAQGV LIYPDPDFSDS</p> <p>QDPHKPGLSS HQAVYGHVHL GTGDPYTPGF PSFNQTQFPP VESSGLPSIP AQPISADIAD</p> <p>QLLRKLTGPV APQEWKGHLS GSPYRLGPGP DLRLVNNHR VSTPISNIFA CIEGFAEPDH</p> <p>YVIGAQRDA WPGGAAKSAV GTAILLELVR TFSSMVSNGF RPRRSLLFIS WGGDFGFSVG</p> <p>ATEWLEGYLS VLHLKAVVYV SLDNSVLGDG KFHAKTSPLL VSLIENILKQ VDSPNHSGQT</p> <p>LYEQVALTHP SWDAEVIQPL PMDSSAYSFT AFAGVPAVEF SFMEDDRVYP FLHTKEDTYE</p> <p>NLHKMLRGRV PAVVQAVAQL AGQLLIRLSH DHLLPLDFGR YGDVVLRHIG NLNEFSGDLK</p>

ERGLTLQWVY SARGDYIRAA EKLRKEIYSS ERNDERLMRM YNVRIMRVEF YFLSQYVSPA  
DSPFRHIFLG QGDHTLGALV DHLRMLRADG SGAASSRLTA GLGFQESRFR RQLALLTWTL  
QGAANALSGD VWNIDNNF **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	Transferrin Receptor 2 (TFR2)
Alternative Name:	Tfr2 ( <a href="#">TFR2 Products</a> )
Background:	Transferrin receptor protein 2 (Tfr2),FUNCTION: Mediates cellular uptake of transferrin-bound iron in a non-iron dependent manner. May be involved in iron metabolism, hepatocyte function and erythrocyte differentiation.
Molecular Weight:	88.4 kDa
UniProt:	<a href="#">Q9JKX3</a>
Pathways:	<a href="#">Transition Metal Ion Homeostasis</a>

## Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months