

Datasheet for ABIN7555766

Transferrin Receptor 2 Protein (TFR2) (AA 1-801) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	Transferrin Receptor 2 (TFR2)
Protein Characteristics:	AA 1-801
Origin:	Human
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:	MERLWGLFQR AQLSPRSSQ TVYQVEGPR KGHLEEEED GEEGAETLAH FCPMELRGPE PLGSRPRQPN LIPWAAAGR AAPYLVTAL LIFTGAFLG YVAFRGSCQA CGDSVLVSE DVNYEPDLDF HQGRLYWSDL QAMFLQLGE GRLEDTIRQT SLRERVAGSA GMAALTQDIR AALSQRKLDH VWTDTYHVLG QFPDPAHPNT LHWVDEAGKV GEQLPLEDPD VYCPYSAIGN VTGELVYAHY GRPEDLQDLR ARGVDPVGRLLVRVGVISF AQKVTNAQDF GAQGVLIYPE PADFSQDPPK PSLSSQAVY GHVHLGTGDP YTPGFPSFNQ TQFPPVASSG LPSIPAQPIS ADIASRLLRK LKGPVAPQEW QGSLLGSPYH LGPGPRLRLV VNNHRTSTPI NNIFGCIEGR SEPDHYVWIG AQRDAWGPGA AKSAVGTAIL LELVRTFSSM VSNGFRPRRS LLFISWDGGD FGSVGSTEWL EGYLSVLHLK AVVYVSLDNA VLGDDKFHAK TSPLLTSLIE SVLKQVDSPN HSGQTLYEQV VFTNPSWDAE VIRPLPMDSS AYSFTAFVGV PAVEFSFMED DQAYPFLHTK EDTYENLHKV LQGRLPAVAQ AVAQLAGQLL IRLSHDRLLP LDFGRYGDVV LRHIGNLNEF

SGDLKARGLT LQWVYSARGD YIRAAEKLRLQ EIYSSEERDE RLTRMYNVRI MRVEFYFLSQ
YVSPADSPFR HIFMGRGDHT LGALLDHLRL LRSNSSGTPG ATSSTGFQES RFRRQLALLT
WTLQGAANAL SGDVMNIDNN F **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">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalian cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.• State-of-the-art algorithm used for plasmid design (Gene synthesis). <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
Grade:	custom-made

Target Details

Target:	Transferrin Receptor 2 (TFR2)
Alternative Name:	TFR2 (TFR2 Products)
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:	88.8 kDa
UniProt:	Q9UP52
Pathways:	Transition Metal Ion Homeostasis

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.

Restrictions: For Research Use only

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