

Transferrin Receptor Human Recombinant

Item Number	rAP-2645
Synonyms	Transferrin receptor protein 1, TR, TfR, TfR1, Trfr, T9, p90, CD_antigen: CD71, Transferrin receptor, serum form, sTfR, TFRC, CD71.
Description	TFRC Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 696 amino acids (89-760 a.a) and having a molecular mass of 77.7 kDa. TFRC is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P02786
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMCKGVPE KTECERLAGT ESPVREEPGE DFPAARRLYW DDLKRKLSEK LDSTDFGTI KLLNENSYVP REAGSQDEN LALYVENQFR EFKLSKVWRD QHFVKIQVKD SAQNSVIIVD KNGRLVYLVE NPGGYVAYSK AATVTGKLVH ANFGTKKDFE DLYTPVNG- SI VIVRAGKITF AEKVANAESL NAIGVLIYMD QTKFPIVNAE LSFFGHAHLG TGDPTYPGFP SFNHTQFPPS RSSGLPNIPV QTISRAAAEK LFGNMEGDCP SDWKTDSTCR MVTSESKNVK LTVSNVLKEI KILNIFGVK GFVEPDHYVV VGAQRDAWGP GAAKSGVGTA LLLKLAQMFS
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	TFRC protein solution (1mg/ml) containing 20mM Tris-HCl (pH8.0) and 10% glycerol. Greater than 80.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**