9051 Mira Mesa Blvd, #910094
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TFRC Human, SF9

Transferrin Receptor Human Recombinant, Sf9
RCP2359

Product Overview

Name	TFRC Human, SF9

Description

Transferrin Receptor Human Recombinant, Sf9

Accession (Primary)	P02786

Synonyms

Transferrin Receptor , P90, T9, TR, Transferrin Receptor (P90, CD71), Transferrin Receptor Protein 1, CD71 Antigen, IMD46, CD71, TFR1.

Introduction

The Transferrin glycoproteins are responsible for the blood levels of free iron by binding to iron in the plasma. The transferrin molecules in humans are encoded by a gene called TF. Transferrin binds to iron in a tight but reversible way. The iron levels that binds to transferrin are very low in comparison to the total body iron, nonetheless, it is extremely vital iron levels with the greatest turnover rate.

Source

Sf9, Baculovirus cells.

Physical Appearance

Sterile Filtered clear solution.

Formulation

TFRC protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Stability

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.

Purity

Greater than 90.0% as determined by SDS-PAGE.

Amino acid sequence

ADP LAGTESP VREEPGEDFP AARRLYWDDL KRKLSEKLDS TDFTGTIKLL NENSYVPREA GSQKDENLAL Recombinant Human TFRC Protein Catalog Number: ATGP3825 YVENQFREFK LSKVWRDQHFVKIQVKDSAQ NSVIIVDKNG RLVYLVENPG GYVAYSKAAT VTGKLVHANF GTKKDFEDLY TPVNGSIVIV RAGKITFAEK VANAESLNAI GVLIYMDQTK FPIVNAELSF FGHAHLGTGD PYTPGFPSFN HTQFPPSRSS GLPNIPVQTI

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SRAAAEKLFG NMEGDCPSDW KTDSTCRMVTSESKNVKLTV SNVLKEIKIL NIFGVIKGFV EPDHYVVVGA QRDAWGPGAA KSGVGTALLL KLAQMFSDMV LKDGFQPSRS IIFASWSAGD FGSVGATEWL EGYLSSLHLK AFTYINLDKA VLGTSNFKVS ASPLLYTLIE KTMQNVKHPV TGQFLYQDSN WASKVEKLTL DNAAFPFLAYSGIPAVSFCF CEDTDYPYLG TTMDTYKELI ERIPELNKVA RAAAEVAGQF VIKLTHDVEL NLDYERYNSQ LLSFVRDLNQ YRADIKEMGL SLQWLYSARG DFFRATSRLT TDFGNAEKTD RFVMKKLNDR VMRVEYHFLS PYVSPKESPF RHVFWGSGSH TLPALLENLK LRKQNNGAFNETLFRNQLAL ATWTIQGAAN ALSGDVWDID NEF HHHHHH .

Precautions

TFRC Human, SF9 is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P02786)