
Product Data Sheet

Product Name: TFRC Native
Cat. No.: GP26349
Batch No.: 1

Product Data

Purity	>98%	Source	Human serum.
Physical Appearance	solid	Shipping Condition	withIcePacks
Synonyms	Transferrin receptor protein 1, TR, TfR, TfR1, Trfr, T9, p90, CD_antigen: CD71, Transferrin receptor, serum form, sTfR, TFRC, CD71		
Formulation	TFRC Native solution (0.2µm filtered) contains 250mM TRIS-HCl buffer, 0.15M NaCl, 0.09% NaN ₃ , pH 8.0.		

Introduction

Transferrin receptor protein 1 (TFRC) is required for iron delivery from transferrin to cells. The TFRC protein is a transmembrane glycoprotein comprised of 2 disulfide-linked monomers joined by 2 disulfide bonds. Each monomer will bind one holo-transferrin molecule producing an iron-Tf-TfR complex which enters the cell by endocytosis.

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.

Background

Human Transferrin Receptor Protein produced in human serum tissue having a molecular mass of 85kDa.

Caution: Product has not been fully validated for medical applications. For research use only.

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