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TFRC, 89-760aa, Human, His tag, E.coli

产品货号: TP04187

第三版

别名: Transferrin receptor protein 1, CD71, p90, T9, TFR, TFR1, TR, TRFR

描述: TFRC also known as transferrin receptor protein 1. TFRC is required for iron delivery from transferrin to cells. This protein is a transmembrane glycoprotein composed of two disulfide-linked monomers joined by two disulfide bonds. Each monomer binds one holo-transferrin molecule creating an iron-Tf-TfR complex which enters the cell by endocytosis. Recombinant human TFRC protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方: Liquid, In 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol

分子量: 77.7kDa (696aa)

序列:

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MGSSHHHHHHSSGLVPRGSHMGSMCKGVEPKTECERLAGTESPVREEPGEDFPAARRLYWDDLKRLSEKLDSTDFGTI  
KLLNENSYPREAGSQDENLALYVENQFREFKLSKVWRDQHFVKIQVKDSAQNSVIIIVDKNGRLVYLVENPGGYVAYSK  
AATVTGKLVHANFGTKKDFEDLYTPVNGSIVIVRAGKITFAEKVANAESLNAIGVLIYMDQTKFPIVNAELSSFFGHAHLGT  
GDPYTPGFPSFNHTQFPPSRSSGLPNIPVQTISRAAAELKFGNMEGDCPSDWKTDSTCRMVTSESKNVKLTVSNVLKEIKIL  
NIFGVIKGFVEPDHYVVVGAQRDAWGPGAAGSGVGTALLLKLAKMFSDMVLKDGFPQRSIIIFASWSAGDFGSGATEW  
LEGYLSLHLKAFTYINLDKAVLGTSNFKVSASPLLYTLIEKTMQNVKHPVTGQFLYQDSNWASKVEKLTLDNAAFPFLAYS  
GIPAVSFCFCEDTDYPYLGTTMDTYKELIERIPELNKVARAAAEVAGQFVIKLTVDVELNLDYERYNSQLLSFVRDLNQYRA  
DIKEMGLSLQWLYSARGDFFRATSRLTTDFGNAEKTDRFVMKKLNDRVMRVEYHFLSPYVSPKESPFRRHVFWSGSGSHTLP  
ALLENLKLKQNNGAFNETLFRNQLALATWTIQGAANALSGDVWDIDNEF
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纯度: > 95% by HPLC

浓度: 1mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.