

Product datasheet for **AR51804PU-N**

CD71 / TFRC (89-760, His-tag) Human Protein

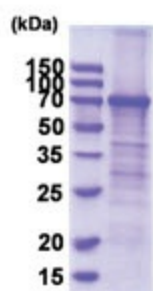
Product data:

Product Type:	Recombinant Proteins
Description:	CD71 / TFRC (89-760, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> <u>MGSMCKGV</u> EP KTECERLAGT ESPVREEPGE DFPAARRLYW DDLKRKLSEK LDSTDFTGTI KLLNENSYVP REAGSQKDEN LALYVENQFR EFKLSKVWRD QHFVKIQVKD SAQNSVIIVD KNGRLVYLVE NPGGYVAYSK AATVTGKLVH ANFGTKKDFE DLYTPVNGSI VIVRAGKITF AEKVANAESL NAIGVLIYMD QTKFPIVNAE LSFFGHAHLG TGDPTYTPGFP SFNHTQFPSS RSSGLPNIPV QTISRAAAEK LFGNMEGDCP SDWKT DSTCR MVTSESKNVK LTVSNVLKEI KILNIFGVK GFVEPDHYVW VGAQRDAWGP GAAKSGVGTA LLLKLAQMFS DMVLKDGFP SRSIFASWS AGDFGSVGAT EWLEGYLSSL HLKAFYINL DKAVLGTSNF KVSASPLLYT LIEKTMQNVK HPVTGQFLYQ DSNWASKVEK LTLDNAAFP LAYS GIPAVS FCFCEDTDYP YLGT TMDTYK ELIERIPELN KVARAAAEVA GQFVIKLTHD VELNLDYERY NSQLLSFVRD LNQYRADIKE MGLSLQWLYS ARGDFFRATS RLTTDFGNAE KTRDFVMKKL NDRVMRVEYH FLSPYVSPKE SPFRHVFWGS GSHTLPALLE NLKLRKQNGG AFNETLFRNQ LALATWTIQG AANALSGDVW DIDNEF
Tag:	His-tag
Predicted MW:	77.7 kDa
Concentration:	lot specific
Purity:	>80% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant Human TFRC protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001121620</u>
Locus ID:	7037



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UniProt ID:	P02786 , Q7Z3E0
Cytogenetics:	3q29
Synonyms:	CD71; IMD46; p90; T9; TFR; TFR1; TR; TRFR
Summary:	This gene encodes a cell surface receptor necessary for cellular iron uptake by the process of receptor-mediated endocytosis. This receptor is required for erythropoiesis and neurologic development. Multiple alternatively spliced variants have been identified. [provided by RefSeq, Sep 2015]
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Protease, Secreted Protein, Transmembrane
Protein Pathways:	Endocytosis, Hematopoietic cell lineage

Product images:

15% SDS-PAGE (3ug)