

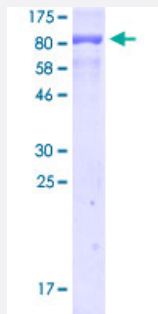
HuPro®

TFRC (Human) Recombinant Protein

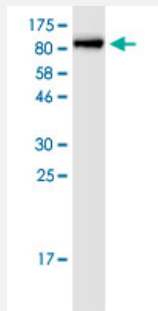
Catalog # H00007037-H02

Size 25 ug

Applications



SDS-PAGE Gel



Western Blot

Specification

Product Description

Purified TFRC (ABM83785.1, 89 a.a. - 760 a.a.) human recombinant protein with His-Flag-StrepII tag at N-terminus expressed in human cells.

Transfected Cell Line

Human HEK293H cells

Sequence

CKGVEPKTECERLAGTESPVREEPGEDFPAARRLYWDDLKRKLSEKLDSTDFTGTIKLLNENSYV
PREAGSQKDENLALYVENQFREFKLSKVWRDQHFVKIQVKDSAQNSVIIDKNGRLVYLVENPGG
YVAYSKAATVTGKLVHANFGTKKDFEDLYTPVNGSIVVRAGKITFAEKVANAESLNAIGVLYMDQT
KFPVNAELSFFGHAHLGTGDPYTPGFPSFNHTQFPPSRSSGLPNIPVQTISRAAAEKLFGNMEGD
CPSDWKTDSTCRMVTSESKNVKLTVSNVLKEIKILNIFGVIKGFVEPDHYVVGAQRDAWGPGAA
KSGVGTALLKLAQMFSDMVLKDGFGPSRSIIFASWSAGDFGSGVATEWLEGYLSLHLKAFTYI
NLDKAVLGTSNFKVSASPLLYTLIEKTMQNVKHPVTGQFLYQDSNWASKVEKLTLDNAAFPFLAY
SGIPAVSFCFCEDTDYPYLGTTMDTYKELIERIPELNKVARAAAEVAGQFVIKLTHDVELNLDYERY
NSQLLSFVRDLNQYRADIKEMGLSLQWLYSARGDFFRATSRLTTDFGNAEKTDRFVMKKLNDRV
MRVEYHFLSPYVSPKESPFRRHVFWGSGSHTLPALLENLKLKQNNGAFNETLFRNQLALATWTIQ
GAANALSGDVWDIDNEF

Host	Human
Theoretical MW (kDa)	77
Form	Liquid
Preparation Method	Transfection of pSuper-TFRC plasmid into HEK293H cell, and the expressed protein was purified by <i>Strep</i> -Tactin affinity column.
Purification	<i>Strep</i> -Tactin affinity columns
Concentration	≥ 10 ug/ml
Quality Control Testing	SDS-PAGE and Western Blot SDS-PAGE Gel Western Blot
Storage Buffer	100 mM Tris-HCl pH 8.0, 150 mM NaCl, 1 mM EDTA, and 5 mM desthiobiotin.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay
- SDS-PAGE
- Protein Interaction

Gene Info — TFRC

Entrez GeneID	7037
GeneBank Accession#	DQ892859.2
Protein Accession#	ABM83785.1
Gene Name	TFRC
Gene Alias	CD71, TFR, TFR1, TRFR
Gene Description	transferrin receptor (p90, CD71)
Omim ID	190010
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	transferrin receptor

Pathway

- [Endocytosis](#)
- [Hematopoietic cell lineage](#)

Disease

- [Abortion](#)
- [Adenomatous Polyps](#)
- [Birth Weight](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Colorectal Neoplasms](#)

- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)
- [Hemochromatosis](#)
- [Hepatitis C](#)
- [Hereditary hemochromatosis](#)
- [Hyperparathyroidism](#)
- [Insulin Resistance](#)
- [Iron Overload](#)
- [Leukemia](#)
- [Liver Cirrhosis](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Lymphoma](#)
- [Myeloproliferative Disorders](#)
- [Ovarian cancer](#)
- [Porphyria](#)
- [Porphyria Cutanea Tarda](#)
- [Pregnancy Complications](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)