

Transferrin Receptor 2 (TFR2) Recombinant Protein | TFR2 recombinant protein

Recombinant Transferrin Receptor 2 (TFR2)

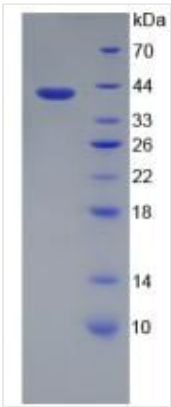
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA133968	E. coli	Human	Immunoprecipitation, Immunoprecipitation, ELISA, Western Blot, SDS-Page

PRODUCT SYNONYMS

Transferrin Receptor 2 (TFR2); Recombinant Transferrin Receptor 2 (TFR2); TFR2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli
Reactivity	Human
Purity/Purification	>98%
Form/Format	PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
Concentration	200ug/mL (varies by lot)
Applicable Applications for TFR2 recombinant protein	IP (Coimmunoprecipitation), IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Source	Prokaryotic expression
Residues	Tyr604–Thr703
Tags	Two N-terminal Tags, His-tag and GST-tag
Tissue Specificity	Liver
Subcellular Location	Cell membrane; Single-pass type II membrane protein
Traits	Freeze-dried powder
Predicted isoelectric point	6.7
Predicted Molecular Mass	41.4kDa
Accurate Molecular Mass	41kDa as determined by SDS-PAGE reducing conditions
Usage	Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



YENLHKV LQGRLPAAVQ AVAQLAGQLL IRLSHDRLLP LDFGRYGDVV
LRHIGNLNEF SGDLKARGLT LQWVYSARGD YIRAAEKLKQ EIVSSEERDE
RLT

Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	332309171
NCBI GeneID	7036
NCBI Accession #	NP_001193784.1
NCBI GenBank Nucleotide #	NM_001206855.1
UniProt Accession #	Q9UP52; O75422; Q1HE13; Q9HA99; Q9NX67; A6NGM7
NCBI Official Full Name	transferrin receptor protein 2 isoform 2
NCBI Official Synonym Full Names	transferrin receptor 2
NCBI Official Symbol	TFR2
NCBI Official Synonym Symbols	HFE3; TFRC2
NCBI Protein Information	transferrin receptor protein 2
UniProt Protein Name	Transferrin receptor protein 2
UniProt Gene Name	TFR2
UniProt Synonym Gene Names	TfR2
UniProt Entry Name	TFR2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.