# Transferrin Receptor (TFR) Recombinant Protein | TFR recombinant protein

Recombinant Transferrin Receptor (TFR)

| CATALOG # | HOST | REACTIVITY | APPLICATIONS |
|---|---|---|---|
| **AAA134281** | **E.coli** | **Rattus norvegicus (Rat)** | **Western Blot, SDS-Page** |

## PRODUCT SYNONYMS

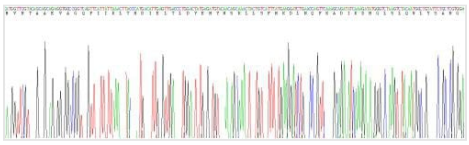
Transferrin Receptor (TFR); Recombinant Transferrin Receptor (TFR); TFR recombinant protein

## PRODUCT SPECIFICATIONS

| | |
|---|---|
| **Host** | E.coli |
| **Reactivity** | Rattus norvegicus (Rat) |
| **Purity/Purification** | > 97% |
| **Form/Format** | 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300. |
| **Concentration** | Original Concentration: 200ug/mL (varies by lot) |
| **Applicable Applications for TFR recombinant protein** | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control |
| **Source** | Prokaryotic expression |
| **Residues** | Met587~Asn756 |
| **Tags** | N-terminal His Tag |
| **Subcellular Location** | Membrane |
| **Traits** | Freeze-dried powder |
| **Predicted isoelectric point** | 5.2 |
| **Usage** | Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex. |

## IMAGES

**SDS-PAGE**



**Gene Sequence**
Gene Sequencing (extract

```
                                        MVRT AAEVAGQFII
KLTHDIELTL DYEMYNSKLL SFMKDLNQFK ADIKDMGLSL QWLYSARGDY
FRATSRLTTD FHNAEKTNRF VMREINDRIM KVEYHFLSPY VSPRESPFRH
IFWGSGSHTL SALVENLRLR QKNITAFNET LFRNQLALAT WTIQGVANAL
SGDIWN
```

**Sequence**

## NCBI AND UNIPROT INFORMATION

| | |
|---|---|
| **NCBI GI #** | 281306746 |
| **NCBI GeneID** | 64678 |
| **NCBI Accession #** | NP_073203.1 |
| **NCBI GenBank Nucleotide #** | NM_022712.1 |
| **UniProt Accession #** | G3V679; Q99376 |
| **Molecular Weight** | Predicted Molecular Mass: 21.1kDa<br>Accurate Molecular Mass: 22kDa as determined by SDS-PAGE reducing conditions. |
| **NCBI Official Full Name** | transferrin receptor protein 1 |
| **NCBI Official Synonym Full Names** | transferrin receptor |
| **NCBI Official Symbol** | Tfrc |
| **NCBI Official Synonym Symbols** | Trfr |
| **NCBI Protein Information** | transferrin receptor protein 1; TR; tfR; tfR1 |
| **UniProt Protein Name** | Transferrin receptor protein 1 |
| **UniProt Gene Name** | **Tfrc** |
| **UniProt Entry Name** | G3V679_RAT |

**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.

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Online datasheet: https://www.aaabiotech.com/tfrc-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134281