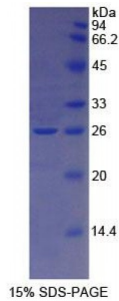


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Human Transferrin Receptor 2 (TFR2) Protein

Catalogue No.: abx069416



SDS-PAGE analysis of Human TFR2 Protein.

Recombinant TFR2 is a recombinant protein from Human. It is produced in E.coli using Prokaryotic expression.

Target: Transferrin Receptor 2 (TFR2)

Origin: Human

Host: E. coli

Tested Applications: WB, SDS-PAGE

Purity: > 90%

Form: Lyophilized

Reconstitution: Reconstitute in ddH₂O to a concentration of 0.1-1.0 mg/ml. Do not vortex.

Conjugation: Unconjugated

Storage: Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.

Expression: Recombinant

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- Molecular Weight:** Calculated MW: 22.6 kDa
Observed MW (SDS-PAGE): 26 kDa
Possible reasons why the actual band size differs from the predicted band size:
1. Splice variants. Alternative splicing may create different sized proteins from the same gene.
 2. Relative charge. The composition of amino acids may affect the charge of the protein.
 3. Post-translational modification. Phosphorylation, glycosylation, methylation etc. may affect the band size.
 4. Post-translational cleavage. Many proteins are synthesised as pro-proteins, and then cleaved to give the active form.
 5. Polymerisation of the target protein. Dimerisation, multimerisation etc. will increase the band size observed.
- Swiss Prot:** [Q9UP52](#)
- Sequence Fragment:** Leu211-Arg405
- Sequence:** LHWVDEAGKV GEQLPLEDPD VYCPYSAIGN VTGELVYAHY GRPEDLQDLR ARGVDPVGRL
LLVRVGVISF AQKV TNAQDF GAQGVLIYPE PADFSQDPPK PSLSSQQAVY GHVHLGTGDP
YTPGFPSFNQ TQFPPVASSG LPSIPAQPIS ADIASRLLRK LKGPVAPQEW QGSLLGSPYH
LGPGPRLRLV VNNHR
- Tag:** N-terminal His-tag
- Activity:** Not tested
- Buffer:** Prior to lyophilization: PBS, pH 7.4, containing 0.01% Sarcosyl, 1 mM DTT, 5% Trehalose and Proclin-300.
- Note:** This product is for research use only.