

Recombinant Transferrin Receptor (TFR) Instruction Manual

SIPB407Ra01

Rattus norvegicus (Rat)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane
Predicted Molecular Mass	21.1kDa
Accurate Molecular Mass	22kDa(Analysis of differences refer to the manual)
Residues & Tags	Met587~Asn756 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	5.2
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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KLTHDIELTL DYEMYNKLL SFMKDLNQFK ADIKDMGLSL QWLYSARGDY  
FRATSRLTTD FHNAEKTNRF VMREINDRIM KVEYHFLSPY VSPRESPFRH  
IFWGS GSHTL SALVENLRLR QKNITAFNET LFRNQLALAT WTIQGVANAL  
SGDIWN
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USAGE

Reconstitute in ddH₂O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

