

Recombinant Rat Tf protein, His-KSI-tagged

Cat. No. Tf-3563R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Tf protein(P12346)(20-698aa), fused to N-terminal His-KSI tag, was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	20-698aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	89.9 kDa
AA Sequence	VPDKTVKWCAVSEHENTKCISFRDHMKTVLPADGPRLACVKKTSYQDCIKAISGGEA DAITLDGGWVYDAGLTPNNLKPVAAEFYGSLEHPQTHYLAVAVVKKGTDFQLNQLQ GKKSCHTGLGRSAGWIIPIGLLFCNLPEPRKPLEKAVASFFSGSCVPCADPVAFPQL CQLCPGCGCSPTQPFFGYVGAFKCLRDGGGDVAFVKHTTIFEVLPQKADRDQYELL CLDNTRKPVVDQYEDCYLARIPSHAVVARNGDGKEDLIWEILKVAQEHFGKGKSKDF QLFGSPLGKDLLFKDSAFGLLRVPPRMDYRLYLGHSYVTAIRNQREGVCPEGSIDSA PVKWCALSHQERAKCDEWSVSSNGQIECESAESTEDCIDKIVNGEADAMSLDGGH AYIAGQCGLVPVMAENYDISSCTNPQSDVFPKGYAVAVVKASDSSINWNNLKGKK SCHTGVDRTAGWNIPMGLLFSRINHCKFDEFFSQGCAPGYKKNSTLCDLCIGPAKC

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APNNREGYNGYTGAFQCLVEKGDVAFVKHQTVENTNGKNTAAWAKDLKQEDFQL
LCPDGTKKPVTEFATCHLAQAPNHVVVSRKEKAARVSTVLTAAQKDLFWKGDKDCTG
NFCLFRSSTKDLLFRDDTKCLTKLPEGTTYEEYLGAEYLQAVGNIRKCSTSRLEACT
FHKS

Purity Greater than 85% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name Tf transferrin [[Rattus norvegicus](#)]

Official Symbol [Tf](#)

Synonyms TF; transferrin; serotransferrin; siderophilin; beta-1 metal-binding globulin; liver regeneration-related protein LRRG03; Tfn; Trf; MGC93500;

Gene ID [24825](#)

mRNA Refseq [NM_001013110](#)

Protein Refseq [NP_001013128](#)

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