

Recombinant Rat Tf protein, His-KSI-tagged

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

SPECIFICATION

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|-------------------------|---|
| 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 | VPDKTVKWC AVSEHENTKCISFRDHMKT VLPADGPRLACVKKTSYQDCIKAISGGEA DAITLDGGWVYDAGLTPNNLKPVA AEFYGSLEHPQTHYLAVAVVKKGTDFQLNQLQ GKKSCHTGLGRSAGWIIPIGILLFCNLPEPRKPLEKAVASFFSGSCVPCADPVAFPPQL CQLCPGCGCSPTQPFFGYVGAFKCLRDGGGDVAFVKHTTIFEVLPQKADR DQYELL CLDNTRKPV DQYEDCYLARIPSHAVVARNGDGKEDLIWEILKVAQEHFGK GSKDF QLFGSPLGKDLLFKDSAFGLLRVPPRMDYRLYLGH SYVTAIRNQREGVCPEGSIDSA PVKWCALSHQERAKCDEWSVSSNGQIECESAESTEDCIDKIVNGEADAMSLDGGH AYIAGQCGLVPVMAENYDISSCTNPQSDVFPKGY YAVAVVKASDSSINWNNLKGKK SCHTGVDRTAGWNIPMGLLFSRINHCKFDEFFSQQGCAPGYKKNSTLCDLCIGPAK C |

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APNNREGYNGYTGAFQCLVEKGDVAFVKHQTVLENTNGKNTAAWAKDLKQEDFQL
LCPDGTKKPVTEFATCHLAQAPNHVVVSRKEKAARVSTVLTAQKDLFWKGDKDCTG
NFCLFRSSTKDLLFRDDTKCLTKLPEGTTYEEYLGAEYLQAVGNIRKCSTSRLEACT
FHKS

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

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple 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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