

Transferrin Active Protein | TF active protein

Recombinant Human Transferrin

CATALOG # AAA10866	HOST Oryza sativa (rice)
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PRODUCT SYNONYMS

Transferrin; Recombinant Human Transferrin; Serotransferrin; Siderophilin; Beta-1-metal-binding globulin; TF; PRO1557; PRO2086; DKFZp781D0156; HTF.; TF active protein

PRODUCT SPECIFICATIONS

Host	Oryza sativa (rice)
Purity/Purification	Purity as determined by SDS-PAGE is 97%.
Form/Format	The protein (1mg/ml) was lyophilized with no additives.
Sequence Length	698
Physical Appearance	Sterile Filtered lyophilized (freeze-dried) powder.
Iron Content	The average amount of Ferric Iron is 0.4-0.5 ug per mg of protein (protein concentration is measured by absorption at 280 nm).
Activity	One mg of Recombinant Human Transferrin will bind to approximately 2 micrograms of Fe.
Solubility	Stock solutions can be prepared by dissolving gently into PBS for several minutes. Recommended stock concentrations are 5 mg/ml to 20 mg/ml in PBS, though others can be used as well. Please try to avoid the formation of bubbles when dissolving the protein. Sterile filter through 0.2 um filter.
Preparation and Storage	Lyophilized Transferrin although stable at room temperature for 3 weeks, should be stored desiccated below -18 degree C. Upon reconstitution Transferrin Human Recombinant should be stored at 4 degree C between 2-7 days and for future use below -18 degree C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for TF active protein	Recombinant Human Transferrin produced in Plant is a non-glycosylated, polypeptide chain containing 679 amino acids and having a molecular mass of 76 kDa. The Recombinant Human Transferrin is purified by proprietary chromatographic techniques.
Product Categories/Family for TF active protein	Recombinant & Natural Proteins ; Natural Proteins ; Transferrin

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557871
NCBI GeneID	7018
NCBI Accession #	NP_001054.1
NCBI GenBank Nucleotide #	NM_001063.3
UniProt Accession #	P02787 ; O43890 ; Q1HBA5 ; Q9NQB8 ; Q9UHV0

NCBI Official Full Name	serotransferrin
NCBI Official Synonym Full Names	transferrin
NCBI Official Symbol	TF
NCBI Official Synonym Symbols	TFQTL1; PRO1557; PRO2086
NCBI Protein Information	serotransferrin; beta-1 metal-binding globulin; siderophilin
UniProt Protein Name	Serotransferrin
UniProt Gene Name	TF
UniProt Synonym Gene Names	Transferrin
UniProt Entry Name	TRFE_HUMAN

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://stage.aaabiotech.com/active-protein/transferrin/10866>