

**CATALOGUE #:** 8ST6

**PRODUCT NAME:** Recombinant soluble transferrin receptor (sTfR)

<b>Source:</b>	Expressed in a mammalian cell line
<b>Description</b>	Soluble extracellular domain of human TfR (amino acid residues 101-760). Molecular weight 73800 Da. Does not contain any tags.
<b>Application:</b>	As a marker of iron deficiency anemia to differentiate it from anemia of chronic disease, in biochemical studies of TfR, as calibrator or standard in immunoassays, immunogen for antibody production.
<b>Analysis:</b>	Purity > 95% (SDS-PAGE in non-reducing conditions) Concentration is determined spectrophotometrically.
<b>Purification:</b>	Immunoaffinity chromatography
<b>Presentation:</b>	Lyophilized from 10 mM Tris-HCl, 0.15 M NaCl, pH 8.0 and 5 % D-mannitol, 0.1% CHAPS. It is recommended to reconstitute this product with deionized water to its initial concentration.
<b>Storage:</b>	Lyophilized -20°C (-15 ... -30 °C allowed) Reconstituted -70°C (-65 ... -80 °C allowed)
<b>Other information:</b>	Avoid repeated freezing and thawing. It is recommended to aliquot the product after reconstitution. To prepare diluted samples of sTfR it is recommended to use 10 mM Tris-HCl, 0.15 M NaCl, pH 8.0 and 5 % D-mannitol, 0.1% CHAPS. Such samples should be frozen until use. Do not freeze after reconstitution, if concentration is below 0.1 mg/ml.
<b>Material safety note:</b>	This product is sold <b>for research or further manufacturing use only</b> . Standard Laboratory Practices should be followed when handling this material.