Datasheet

Blood coagulation and Anemia • Bone Metabolism • Cardiac Markers • Fertility and Pregnancy
Gangliosides • Hormone Markers • Immunology and Serology • Infectious Diseases • Inflammation
Kidney Diseases • Metabolic Syndrome • Microbial and Plant Toxins • Miscellaneous • Neuroscience
Thyroid Diseases • Tumor Markers • Veterinary

CATALOGUE #: 8ST6

PRODUCT NAME: Recombinant soluble transferrin receptor (sTfR)

Source: Expressed in a mammalian cell line

Description Soluble extracellular domain of human TfR (amino acid residues 101-760).

Molecular weight 73800 Da. Does not contain any tags.

Application: 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.

Analysis: Purity > 95% (SDS-PAGE in non-reducing conditions)

Concentration is determined spectrophotometrically.

Purification: Immunoaffinity chromatography

Presentation: 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.

Storage: Lyophilized -20°C (-15 ... -30 °C allowed)

Reconstituted -70°C (-65 ... -80 °C allowed)

Other information: 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.

Material This product is sold for research or further manufacturing use only. Standard Laboratory Practices

safety note: should be followed when handling this material.

