

**Recombinant Human Transferrin Protein**

**Cat.NO.: TP04687**

3th Edition

**Synonyms:**Serotransferrin;Transferrin;Beta-1 metal-binding globulin;Siderophilin;TF

**Description:**Serotransferrin belongs to transferrin family, and contains 2 transferrin-like domains. The protein is a secreted protein, and expressed by the liver and secreted in plasma. Transferrins are iron binding transport proteins which can bind two Fe<sup>3+</sup> ions in association with the binding of an anion. It is responsible for the transport of iron from sites of absorption and heme degradation to those of storage and utilization. Serum transferrin may also have a further role in stimulating cell proliferation.

**Form:**PBS

**Molecular Weight:**76.2 kDa

**Sequences:**Val20-Pro698

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.