

Bioassayplus Inc

4510 Rhodes Dr. Windsor, Canada N8X 5K5

Certificate of Analysis

Important note: Centrifuge before opening to ensure complete recovery of vial contents

Product name: Recombinant human transferrin

Catalog #: rhTF

Description: Transferrin is a glycoprotein with an approximate molecular weight of 76kDa. This glycoprotein has homologous C and N-terminal domains, each of which binds one ion of ferric iron. Transferrin interacts with the membrane receptor CD71 transporting iron to all proliferating cells.

Serum transferrin may also play a further role in stimulating cell proliferation. It works as a growth factor, proliferating cells express high numbers of transferrin receptors, Apart from its role in iron transport, the transferrin acts as a cytokine effect as well.

Recombinant human transferrin is expressed from CHO, Compared to other expression system, CHO expressed human transferrin contains glycosylated protein, giving the better performance for their function.

Source: CHO

Formats: Purified liquid or lyophilized powder

Purification: >95% pure (10% SDS-PAGE, Coomassie blue stain).

Concentration of liquid format: 2mg/ml

Buffer: PBS and 0.05% NaN₃

Applications: Immunoassay or cell culture

Storage: Upon receipt, store at -20°C. Avoid multiple freeze/thaw cycles.



SDS-PAGE for recombinant human transferrin