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Product Datasheet

Recombinant Human Transferrin (C-6His) EBT-EPT282

Article Name	Recombinant Human Transferrin (C-6His)
Biozol Catalog Number	EBT-EPT282
Supplier Catalog Number	EPT282
Alternative Catalog Number	EBT-EPT282-50
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant Human Transferrin is produced by our Mammalian expression system and the target gene encoding Val20-Pro698 is expressed with a 6His tag at the C-terminus....
Molecular Weight	Molecular weight: 76.2 KDa. Apparent molecular weight: 85 KDa, reducing conditions
UniProt	AAA61140.1
Purity	Greater than 95% as determined by reducing SDS-PAGE.

Application Notes

Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test. Background: 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 Fe³⁺ 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