

Recombinant Porcine Transferrin (TF), C-His

Cat. No.: AP7F470

Product Type: Animal Proteins

Size: 100 µg

Product Overview

BioVenic's Recombinant Porcine Transferrin (TF), C-His is a recombinant protein expressed from HEK293 Cells. Its predicted molecular weight is 78.3 kDa. The purity is >90% (SDS-PAGE). The endotoxin level is <1 EU/µg (LAL).

Specifications

Type	Recombinant Protein
Species	Swine
Expression System	HEK293 Cells
Biological Activity	Active
Purity	>90% (SDS-PAGE)
Endotoxin	<1 EU/µg (LAL)
Predicted Molecular Weight	78.3 kDa
Molecular Weight	72 kDa
Physical State	Lyophilized
Formulation	PBS, pH 7.4.

Target Information

Transferrin, also known as serotransferrin, is encoded by the *TF* gene in pigs. Low transferrin levels can indicate iron deficiency anemia, a condition where the body doesn't have enough iron to produce healthy red blood cells. TF-mediated provision of iron is essential for a productive infection by many bacterial pathogens, and iron-depletion of TF is a first line defence against bacterial infections.

Protein	Porcine Transferrin (TF)
Protein Synonym	Serotransferrin; TF; Beta-1 metal-binding globulin; Siderophilin
Gene ID	396996
UniProt ID	A0A8D1SNW7

Shipping and Storage

This product is shipped with dry ice. Avoid repeated freezing and thawing. Store for 12 months at -20°C or -80°C.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Aliquote the reconstituted solution to minimise freeze-thaw cycles.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.