

Product Information

Anti-Human Transferrin Protein A scaffold

Cat. No.: **AFB-13LY**

This product is for research use only and is not intended for diagnostic use.

Antigen Description

Defects in TF are the cause of atransferrinemia (ATRAF). Atransferrinemia is rare autosomal recessive disorder characterized by iron overload and hypochromic anemia.

Specific Activity

This product recognises transferrin.

Source

Display library

Species Reactivity

Human

Expression Host

E. coli

Storage

Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze/thaw cycles.

ANTIGEN GENE INFORMATION

Gene Name

[TF transferrin \[Homo sapiens \]](#)

Official Symbol

TF

Synonyms

TF; transferrin; serotransferrin; PRO1557; PRO2086; Apotransferrin; Beta 1 metal binding globulin; Beta-1 metal-binding globulin; DKFZp781D0156; PRO1400; PRO1557; PRO2086; Serotransferrin; Serotransferrin precursor; Siderophilin; TF; Transferin; Transferrin; TRFE_HUMAN; siderophilin; OTTHUMP00000197155; beta-1 metal-binding globulin; TFQTL1

Gene ID

[7018](#)

mRNA Refseq

[NM_001063](#)

Protein Refseq

[NP_001054](#)

MIM

[190000](#)

UniProt ID

P02787

Chromosome Location

3q21

Pathway

EPHB forward signaling, organism-specific biosystem; HIF-1-alpha transcription factor network, organism-specific biosystem; Hemostasis, organism-specific biosystem; Iron uptake and transport, organism-specific biosystem; Mineral absorption, organism-specific biosystem; Mineral absorption, conserved biosystem; Platelet activation, signaling and aggregation, organism-specific biosystem; Platelet degranulation, organism-specific biosystem; Response to elevated platelet cytosolic Ca²⁺, organism-specific biosystem; Transferrin endocytosis and recycling, organism-specific biosystem; Transmembrane transport of small molecules, organism-specific biosystem.

Function

Ferric iron binding; metal ion binding; protein binding; ubiquitin protein ligase binding.