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Datasheet for ABIN930173 Transferrin Protein (TF) (FITC)

Image



Overview

1

| 1 mg |
|---|
| Transferrin (TF) |
| Human |
| Human |
| This Transferrin protein is labelled with FITC. |
| Immunofluorescence (IF) |
| |
| Transferrin protein (FITC) conjugate |
| Source: Human albumin |
| Alternative Names: Apotransferrin protein, beta 1 metal binding globulin protein, |
| DKFZp781D0156 protein, PR01400 protein, PR01557 protein, PR02086 protein, Serotransferrin |
| precursor protein, Siderophilin protein, TF protein |
| Terreferring protein (FITO) was purified by deligidation, calculing provinitation, and terreferre |
| Transferrin protein (FITC) was purified by delipidation, selective precipitation and tandem |
| |

Target Details

| Target: | Transferrin (TF) |
|-------------------|--|
| Alternative Name: | Transferrin (TF Products) |
| Background: | Transferrins are iron-binding blood plasma glycoproteins that control the level of free iron in biological fluids. In humans, it is encoded by the TF gene. Transferrin is a glycoprotein that |
| | binds iron very tightly but reversibly. Although iron bound to transferrin is less than 0.1% (4 mg) |

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Target Details

| | of the total body iron, it is the most important iron pool, with the highest rate of turnover (25 |
|-----------|---|
| | mg/24 h). Transferrin has a molecular weight of around 80 kDa and contains 2 specific high- |
| | affinity Fe(III) binding sites. |
| | Description: Human albumin. Synonyms: Apotransferrin protein, beta 1 metal binding globulin |
| | protein, DKFZp781D0156 protein, PR01400 protein, PR01557 protein, PR02086 protein, |
| | Serotransferrin precursor protein, Siderophilin protein, TF protein. |
| Pathways: | Transition Metal Ion Homeostasis |

Application Details

| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
|--------------------|---|
| Restrictions: | For Research Use only |
| Handling | |
| Format: | Lyophilized |
| Buffer: | Lyophilized from 0.02 M K2 O4, pH 7.2, with 0.12 NaCl, 10 mg/mL BSA and 0.01 % NaN3. Immunoglobulin and protease free. |
| Preservative: | Sodium azide |
| Precaution of Use: | WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing. |
| Handling Advice: | Product is photosensitive and should be protected from light. Avoid repeated freeze/thaw cycles. |
| Storage: | 4 °C/-20 °C |
| Storage Comment: | Store at 4 °C until reconstitution. Following reconstitution aliquot and freeze at -20 °C for long term storage. |

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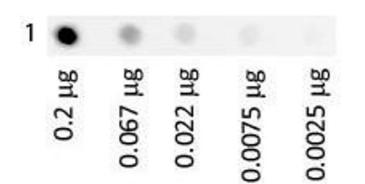


Image 1. Human Transferrin Fluorescein Load: 3-fold serial dilution starting at 200 ng. Block for 30 min at RT.

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