

Datasheet for ABIN6961178

TACSTD2 Protein (mFc-His Tag)**2** Images[Go to Product page](#)

Overview

| | |
|-------------------------------|--|
| Quantity: | 100 µg |
| Target: | TACSTD2 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This TACSTD2 protein is labelled with mFc-His Tag. |
| Application: | ELISA |

Product Details

| | |
|------------------|---|
| Purpose: | Recombinant human Trop2 protein with C-terminal mouse Fc and 6xHis tag |
| Specificity: | Trop2 (His27-Thr274) mFc (Pro99-Lys330) 6xHis tag |
| Characteristics: | Extracellular Domain Protein |
| Purification: | affinity purification |
| Purity: | The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining. |

Target Details

| | |
|-------------------|--|
| Target: | TACSTD2 |
| Alternative Name: | Trop2 (TACSTD2 Products) |
| Background: | Synonyms: TACSTD2,GA733-1,M1S1,TROP2 |

Target Details

| | |
|-------------------|---|
| | Description: This intronless gene encodes a carcinoma-associated antigen. This antigen is a cell surface receptor that transduces calcium signals. Mutations of this gene have been associated with gelatinous drop-like corneal dystrophy. |
| Molecular Weight: | predicted molecular mass of 54.9 kDa after removal of the signal peptide. The apparent molecular mass of Trop2-mFc-His is 55-70 kDa due to glycosylation. |
| Gene ID: | 4070 |
| UniProt: | P09758 |

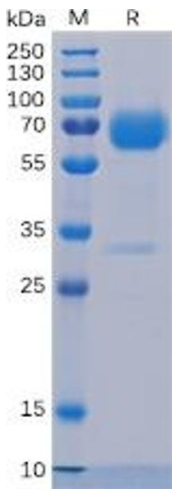
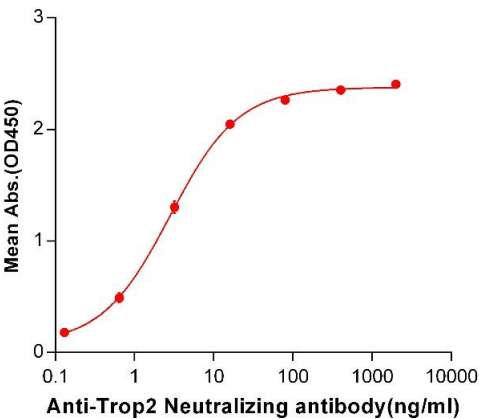
Application Details

| | |
|--------------------|--|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

Handling

| | |
|------------------|--|
| Format: | Lyophilized |
| Reconstitution: | Reconstitute with deionized water |
| Buffer: | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization. |
| Preservative: | Without preservative |
| Storage: | -20 °C, -80 °C |
| Storage Comment: | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| Expiry Date: | 12 months |

Human Trop2, mFc-His Tagged protein ELISA



ELISA

Image 1. ELISA plate pre-coated by 2 µg/mL (100 µL/well) Human Trop2, mFc-His tagged protein (ABIN6961178) can bind Anti-Trop2 Neutralizing antibody in a linear range of 0.13-16.0 ng/mL.

SDS-PAGE

Image 2. Human Trop2 Protein, mFc-His Tag on SDS-PAGE under reducing condition.