

PRODUCT INFORMATION

Trop2 **Target**

Synonyms TACSTD2;GA733-1;M1S1;TROP2

Recombinant human Trop2 protein with C-**Description**

terminal mouse Fc and 6×His tag

Delivery In Stock **Uniprot ID** P09758 **Expression Host HEK293**

Tag C-Mouse Fc and 6×His Tag

Molecular Trop2(His27-Thr274) mFc(Pro99-Lys330) 6×His

Characterization

The protein has a predicted molecular mass of 54.9 kDa after removal of the signal peptide. The **Molecular Weight**

apparent molecular mass of Trop2-mFc-His is approximately 55-70 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. 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 Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

This intronless gene encodes a carcinoma-associated antigen. This antigen is a cell surface

Background receptor that transduces calcium signals.

Mutations of this gene have been associated with gelatinous drop-like corneal dystrophy.

Email: info@dimabio.com Website: www.dimabio.com

Usage Research use only Conjugate Unconjugated





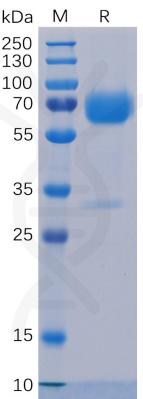


Figure 1. Human Trop2 Protein, mFc-His Tag on SDS-PAGE under reducing condition.

Human Trop2, mFc-His Tagged protein ELISA

0.2 µg of Trop2, mFc-His Tagged protein per well

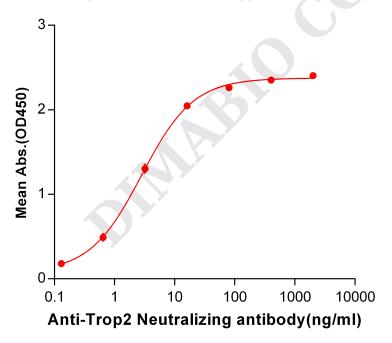


Figure 2. ELISA plate pre-coated by 2 μ g/ml (100 μ l/well) Human Trop2, mFc-His tagged protein (PME100501) can bind Anti-Trop2 Neutralizing antibody BME100023 in a linear range of 0.13-16.0 ng/ml.

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