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32-17105: Recombinant human Trop2 protein with C-terminal mouse Fc and 6Ã—His tag

Alternative Name : TACSTD2, GA733-1, M1S1, TROP2

Description

Expression Host : HEK293
The protein has a predicted molecular mass of 54.9 kDa after removal of the signal peptide.The apparent molecular mass of Trop2-mFc-His is approximately 55-70 kDa due to glycosylation.
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.

Product Info

Amount :	50 µg
Purification :	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage condition :	Store at -80°C for 12 months (Avoid repeated freezing and thawing)

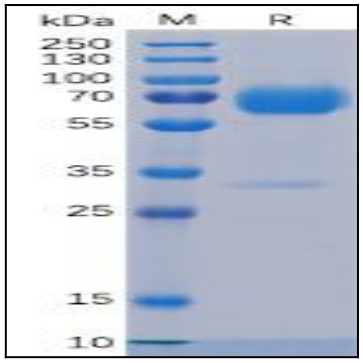


Figure 1. Human Trop2 Protein, mFc-His Tag on SDS-PAGE under reducing condition.

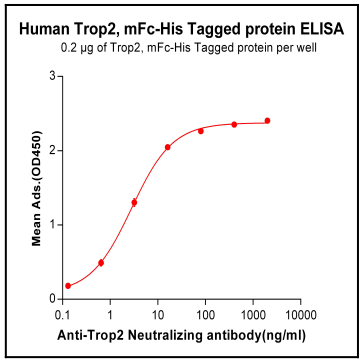


Figure 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human Trop2, mFc-His tagged protein can bind Anti-Trop2 Neutralizing antibody in a linear range of 0.13-16.0 ng/ml.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.