

Product datasheet for **TP724028**

TACD2 (TACSTD2) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Human Trop2 Protein, mFc-His Tag
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Trop2[His27-Thr274]+mFc[Pro99-Lys330]+6×His tag
Tag:	C-Mouse Fc and 6×His
Predicted MW:	54.9 kDa
Purity:	> 95%
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5% - 8% trehalose is added as protectants before lyophilization
Reconstitution Method:	Reconstitute with deionized water
Preparation:	Affinity purification
Applications:	ELISA
Storage:	Store the lyophilized protein at -20°C. After reconstitution, store the protein at -80°C for 12 months. Avoid repeated freezing and thawing.
Stability:	12 months from date of despatch
Locus ID:	4070
UniProt ID:	P09758
Summary:	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.



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Product images:

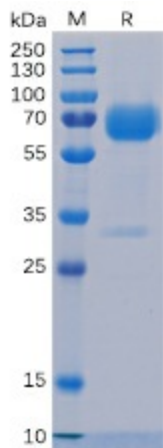


Figure 1. Human Trop2 Protein, mFc-His Tag on SDS-PAGE under reducing condition.

Human Trop2, mFc-His Tagged protein ELISA

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

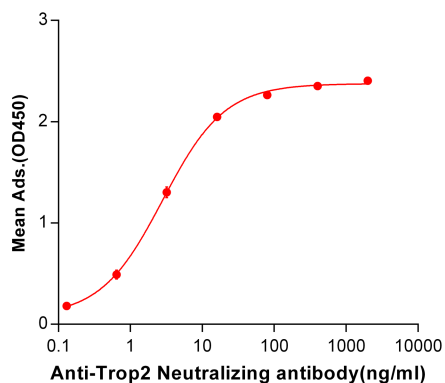


Figure 2. ELISA plate pre-coated by 2 µg/ml (100 µl/well) Human Trop2, mFc-His tagged protein (TP724028) can bind Anti-Trop2 Neutralizing antibody (BME100023) in a linear range of 0.13-16.0 ng/ml.