## Biotinylated Human TROP-2/TACSTD2 Protein

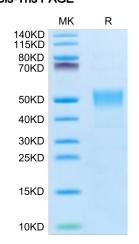
TRP-HM421B

Cat. No.

# κλιτυς

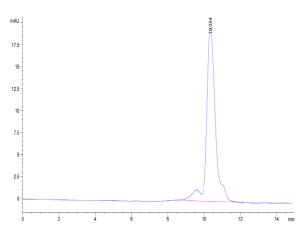
Source         Recombinant Biotinylated Human TROP-2/TACSTD2 Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus. It contains His27-Thr274.           Accession         P09758           Accession         P09758           Accession         Endotoxin         Less than 1EU per µg by the LAL method.           Purity         > 95% as determined by Bis-Tris PAGE           > 95% as determined by Bis-Tris PAGE         > 95% as determined by HPLC           Formulation and Storage         Constitution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.           Reconstitution         Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.           Storage         -20 to -80°C for 12 months as supplied from date of receipt80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.           Background         Trop-2,also known as epithelial glycoprotein-1 antigen (EGP-1),is a protein that in humans is encoded by the TACSTD2 gene.Mutations of this gene result in gelatinous drop-like corneal dystrophy, an autosomal recessive disorder characterized by severe corneal amyloidosis leading to bilindness.		
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Assay Data		TACSTD2 gene.Mutations of this gene result in gelatinous drop-like corneal dystrophy, an autosomal recessive
	Assay Data	

## **Bis-Tris PAGE**



Biotinylated Human TROP-2 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

#### SEC-HPLC



The purity of Biotinylated Human TROP-2 is greater than 95% as determined by SEC-HPLC.

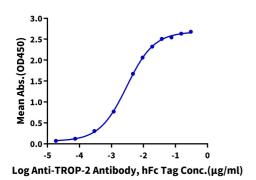
#### Biotinylated Human TROP-2/TACSTD2 Protein

Cat. No. TRP-HM421B

#### Assay Data

#### ELISA Data

Biotinylated Human TROP-2, His-Avi Tag ELISA 0.05µg Biotinylated Human TROP-2, His-Avi Tag Per Well



Immobilized Biotinylated Human TROP-2, His-Avi Tag at 0.5µg/ml (100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Anti-TROP-2 Antibody, hFc Tag with the EC50 of 3.0ng/ml determined by ELISA (QC Test).

# KAGTUS