Biotinylated Human TROP-2/TACSTD2 Protein

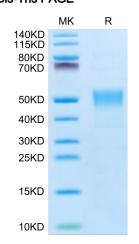
TRP-HM421B

Cat. No.

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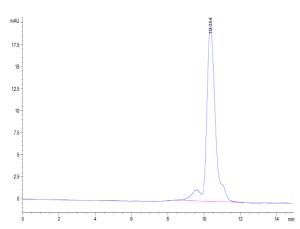
Source Recombinant Biotinylated Human TROP-2/TACSTD2 Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus. It contains His27-Thr274. Accession P09758 Accession P09758 Accession Endotoxin Less than 1EU per µg by the LAL method. Purity > 95% as determined by Bis-Tris PAGE > 95% as 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.

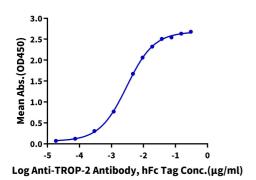
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Assay Data

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).

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