

Recombinant Human TROP-2/TACSTD2 Protein, His tag

产品信息

产品名称	产品编号	规格
Recombinant Human TROP-2/TACSTD2 Protein, His tag	94144ES25	25 µg
	94144ES60	100 µg
	94144ES76	500 µg
	94144ES80	1 mg

产品简介

TROP-2, also known as Tumor-Associated Calcium Signaling 2 (TACSTD2), is a type I transmembrane glycoprotein with little or no expression in adult human tissue and overexpression in various malignancies type transmembrane glycoprotein. Because it is a cell surface protein selectively expressed in tumor cells. Therefore, it may serve as a new target and may play a role in regulating the growth of cancer cells.

性能参数

Synonyms	TACSTD2,GA733-1,M1S1,TROP2
Uniprot No.	P09758-1
Source	Recombinant Human TROP2 Protein is expressed from HEK293 Cells with His tag at the C-terminal. It contains His 27 - Thr 274.
Molecular Weight	The protein has a predicted MW of 28.96 kDa. And it migrates as 30-40 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Purity	> 95% as determined by SDS-PAGE.
Endotoxin	<0.1 EU per 1µg of the protein by the LAL method.
Formulation	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).
Reconstitution	Centrifuge tubes before opening. The concentration of protein solution used for lyophilization is generally 1mg/mL. Dissolve lyophilized protein with sterile water to ensure the concentration is greater than 100 µg/mL.

储存条件

The product should be stored at -25~-15°C for 1 year from date of receipt.

2-7 days, 2~8 °C under sterile conditions after reconstitution.

3 months, -25~-15°C under sterile conditions after reconstitution.

Recommend to aliquot the protein into smaller quantities when first used and avoid repeated freeze-thaw cycles.

注意事项

1. Please operate with lab coats and disposable gloves, for your safety.
2. This product is for research use only.

产品数据

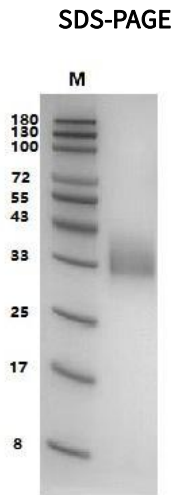


Figure 1. Human TROP2 on SDS-PAGE under reduced condition. The purity is greater than 95%.

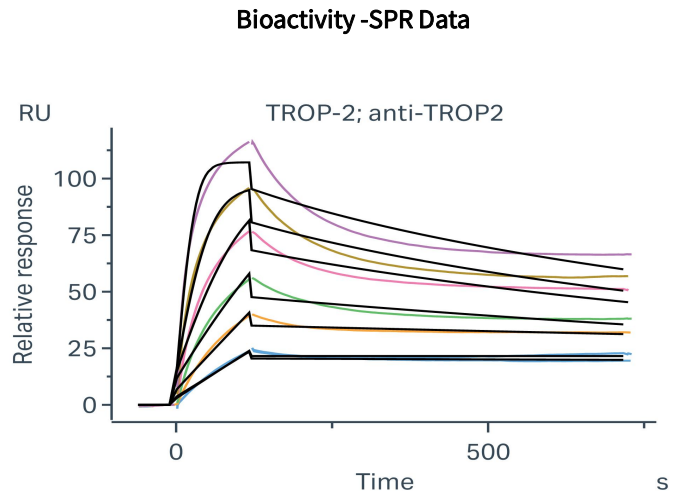


Figure 2. Anti-human TROP2 mouse antibody captured on CM5 chip via Anti-mouse IgG Fc antibodies surface, can bind Human TROP2, his Tag with an affinity constant of 5.82×10^{-10} M as determined in a SPR assay (Biacore 8K).