

RP00448

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# Recombinant Human TROP-2/TACSTD2 Protein

Catalog No.: RP00448

Recombinant

## Sequence Information

Species	Gene ID	Swiss Prot
Human	4070	P09758

### Tags

C-6×His

### Synonyms

TACSTD2;EGP-1;EGP1;GA733-1;GA7331;GP50;M1S1;TROP2

## Product Information

Source	Purification
HEK293 cells	> 90% by SDS-PAGE.

### Endotoxin

< 1 EU/μg of the protein by LAL method.

### Formulation

Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

### Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

## Background

This protein is a cell surface receptor that transduces calcium signals. Mutations of this gene have been associated with gelatinous drop-like corneal dystrophy.

## Basic Information

### Description

Recombinant Human TROP-2/TACSTD2 Protein is produced by Human Cell expression system. The target protein is expressed with sequence (Thr88-Thr274) of human TROP-2/TACSTD2 (Accession #P09758) fused with a 6×His tag at the C-terminus.

### Bio-Activity

Measured by the ability of the immobilized protein to support the adhesion of U937 human histiocytic lymphoma cells. When cells are added to coated plates (10μg/mL, 100μl/well), approximately 55%-70% will adhere specifically.

### Storage

Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

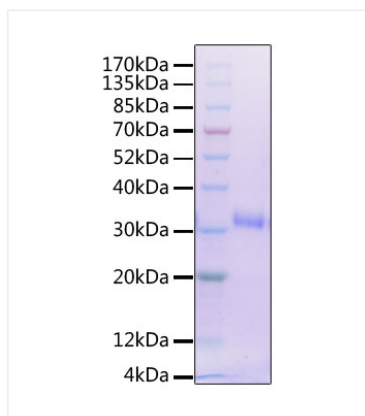
## Contact



[www.abclonal.com](http://www.abclonal.com)

## Validation Data

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Recombinant protein Human  
TROP-2/TACSTD2 was determined by SDS-  
PAGE under reducing conditions with  
Coomassie Blue, showing a band at 33 kDa.