

Human Trop-2, His Tag, CHO

Catalog Number	LDG108PHM
Package	5 µg / 20 µg / 100 µg / Customized package

For full product information, images and publications, please visit [our website](#).



Specifications

Species of Origin

Human

Expression System

CHO

Affinity Tag

His Tag (C-term)

Storage Buffer

Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Purity

>90% as determined by SDS-PAGE analysis.

Molecular weight

The protein has a calculated 28.71 MW of kDa. The protein migrates as 25-45 kDa under reducing condition (SDS-PAGE analysis).

Activity

Measured by the ability of the immobilized protein to support the adhesion of U937 human histiocytic lymphoma cells. The ED50 for this effect is <10 µg/mL.

Endotoxin Level

<0.1 EU per 1 µg of the protein by the LAL method.

Mycoplasma

Not detected

Form

Lyophilized

Background

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Background

Trop-2 is a transmembrane glycoprotein overexpressed in many cancers, associated with tumor growth and metastasis. It is a target for antibody-drug conjugates in cancer therapy.

Uniprot ID

P09758

Synonyms

Tumor-associated calcium signal transducer 2, Cell surface glycoprotein Trop-2, Membrane component chromosome 1 surface marker 1, Pancreatic carcinoma marker protein GA733-1

Sequence Note

His27-Thr274

Instruction

Reconstitution

It is recommended to reconstitute the lyophilized protein in sterile H₂O to a concentration of 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

Stability & Storage

This product is stable after storage at:

- -20°C for 12 months in lyophilized state from date of receipt.
- -20°C or -80°C for 1 month under sterile conditions after reconstitution.

Avoid repeated freeze/thaw cycles.

Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

Image

Tainan Headquarters

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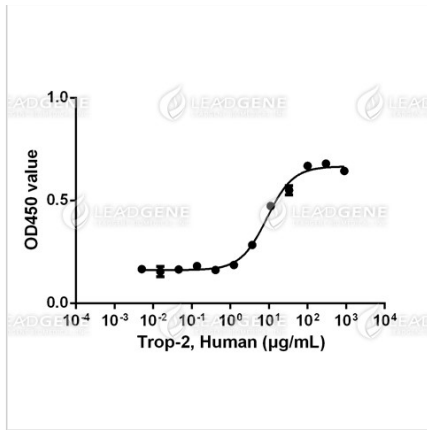
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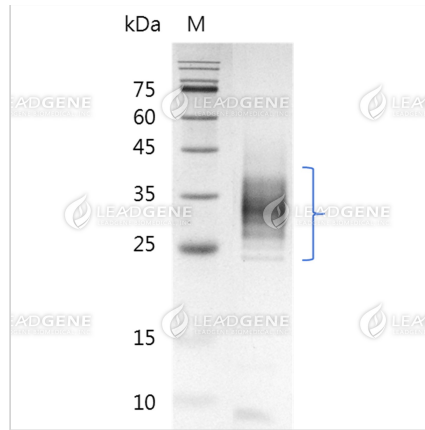
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Activity analysis of recombinant Human Trop-2, His Tag, CHO.



SDS-PAGE analysis of recombinant human Trop-2.

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