

**PRODUCT INFORMATION**

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|---|---|
| <b>Target</b>                           | Trop2   |
| <b>Synonyms</b>                         | TACSTD2;GA733-1;M1S1;TROP2  |
| <b>Description</b>                      | Recombinant human Trop2 protein with C-terminal 6×His tag   |
| <b>Delivery</b>                         | In Stock  |
| <b>Uniprot ID</b>                       | P09758  |
| <b>Expression Host</b>                  | HEK293  |
| <b>Tag</b>                              | C-6×His Tag   |
| <b>Molecular Characterization</b>       | TROP2(His27-Thr274) 6×His tag   |
| <b>Molecular Weight</b>                 | The protein has a predicted molecular mass of 28.7 kDa after removal of the signal peptide. The apparent molecular mass of Trop2-His is approximately 35-40 kDa due to glycosylation.   |
| <b>Purity</b>                           | The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.  |
| <b>Formulation &amp; Reconstitution</b> | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.  |
| <b>Yefei_Storage</b>                    | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| <b>Background</b>                       | This intronless gene encodes a carcinoma-associated antigen. This antigen is a cell surface receptor that transduces calcium signals. Mutations of this gene have been associated with gelatinous drop-like corneal dystrophy.                      |
| <b>Usage</b>                            | Research use only   |
| <b>Conjugate</b>                        | Unconjugated  |



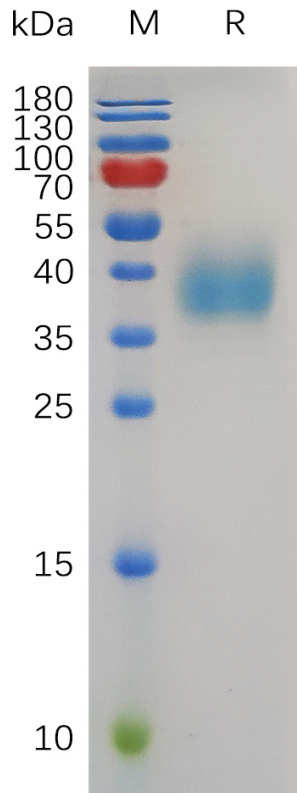


Figure 1. Human Trop2 Protein, His Tag on SDS-PAGE under reducing condition.

