

## **Product Description**

Pioneering GTPase and Oncogene Product Development since 2010

## **HUMAN TROP2 PROTEIN, HIS TAG**

货号: 11554

产品全名: 人 Trop2 蛋白

规格: 10/50/100 µg

基因符号 TACSTD2;A733-1;1S1;ROP2

目标蛋白: Trop2

**UNIPROT ID:** P09758

描述: Recombinant human Trop2 protein with C-terminal 6xHis tag

背景: 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.

物种/宿主: HEK293

分子量: 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.

分子特征: TROP2(His27-Thr274) 6×His tag

纯化: The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

**Formulation & Reconstitution:** Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

储存和运输: 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.



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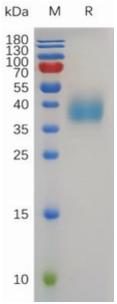


Figure 1. Human Trop2 Protein, His Tag on SDS-PAGE under reducing condition.