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## Recombinant human TROP-2 protein

Catalog Number: ATGP1917

#### **PRODUCT INFORMATION**

### **Expression system**

E.coli

#### **Domain**

31-274aa

#### UniProt No.

P09758

#### **NCBI Accession No.**

NP 002344

#### **Alternative Names**

Tumor-associated calcium signal transducer 2, EGP-1, EGP1, GA733-1, GA7331, GP50, M1S1, TROP2

## **PRODUCT SPECIFICATION**

## **Molecular Weight**

29.9 kDa (267aa)

#### Concentration

1mg/ml (determined by Bradford assay)

#### **Formulation**

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol

#### **Purity**

> 90% by SDS-PAGE

#### Tag

His-Tag

#### **Application**

SDS-PAGE, Denatured

#### **Storage Condition**

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

#### **BACKGROUND**

#### **Description**

Tumor-associated calcium signal transducer 2, also known as TACSTD2, belongs to the EPCAM family. It may function as a growth factor receptor. Recombinant human TACSTD2 protein, fused to His-tag at N-terminus, was expressed in E. coli.

#### **Amino acid Sequence**

MGSSHHHHHH SSGLVPRGSH MGSQDNCTCP TNKMTVCSPD GPGGRCQCRA LGSGMAVDCS TLTSKCLLLK ARMSAPKNAR TLVRPSEHAL VDNDGLYDPD CDPEGRFKAR QCNQTSVCWC VNSVGVRRTD KGDLSLRCDE LVRTHHILID



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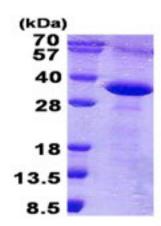
LRHRPTAGAF NHSDLDAELR RLFRERYRLH PKFVAAVHYE QPTIQIELRQ NTSQKAAGDV DIGDAAYYFE RDIKGESLFQ GRGGLDLRVR GEPLQVERTL IYYLDEIPPK FSMKRLT

### **General References**

Tasa G., et al. (2001) Invest. Ophthalmol. Vis. Sci. 42:2762-2764 Linnenbach A.J., et al. (1993) Mol. Cell. Biol. 13:1507-1515

## **DATA**

#### **SDS-PAGE**



15% SDS-PAGE (3ug)

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

