

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 SGLVPRGSH MGS>QDNCTCP TNKMTVCSPD GPGGRCQCRA LGSGMAVDCS TLTSKCLLLK
ARMSAPKNAR TLVRPSEHAL VDNDGLYDPD CDPEGRFKAR QCNQTSVCWC VNSVGVRRTD KGDLSLRCADE LVRTHHILID

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

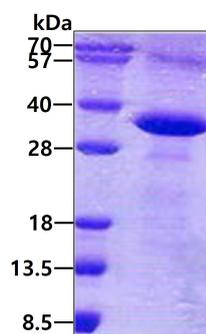
General References

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



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