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

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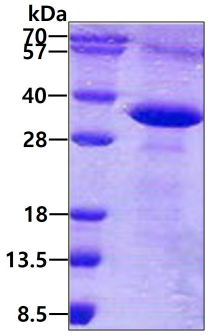
LRHRPTAGAF NHSDLDAELR RLFRERYRLH PKFVAAVHYE QPTIQIELRQ NTSQKAAGDV DIGDAAYYFE RDIKGESLFQ GRGGLDLRVR GEPLQVERTL IYYLDEIPPK FSMKRLT

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



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