

Datasheet for ABIN5854731

TACSTD2 Protein (AA 31-274) (His tag)



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1 Image

Overview

Quantity:	50 µg
Target:	TACSTD2
Protein Characteristics:	AA 31-274
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TACSTD2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	QDNCTCP TNKMTVCSPD GPGGRCQCRA LGSGMAVDCS TLTSKCLLLK ARMSAPKNAR TLVRPSEHAL VDNDGLYDPD CDPEGRFKAR QCNQTSVCWC VNSVGVRRTD KGDLSLRCDE LVRTHHILID LRHRPTAGAF NHSDLDAELR RLFRRERYRLH PKFVAAVHYE QPTIQIELRQ NTSQKAAGDV DIGDAAYYFE RDIKGESLFQ GRGGLDLRVR GEPLQVERTL IYYLDEIPPK FSMKRLT
Purity:	> 95% by SDS-PAGE
Endotoxin Level:	< 1 EU per 1ug of protein (determined by LAL method)

Target Details

Target:	TACSTD2
Alternative Name:	TROP-2 (TACSTD2 Products)
Background:	TACSTD2, also known as tumor-associated calcium signal transducer 2, is an identified cell

Target Details

surface glycoprotein highly expressed by human carcinomas. It is detected in normal kidney, lung, ovary and testis, similarly to the human gene. It is undetectable in undifferentiated spindle cell carcinomas, this suggests a preferential expression at early stages of tumor progression. Its inhibition suppresses the proliferation and invasion of laryngeal carcinoma cells via the extracellular signal-regulated kinase/mitogen-activated protein kinase pathway. Recombinant human TACSTD2, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Molecular Weight: 28.6 kDa (253aa)

NCBI Accession: [NP_002344](#)

UniProt: [P09758](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

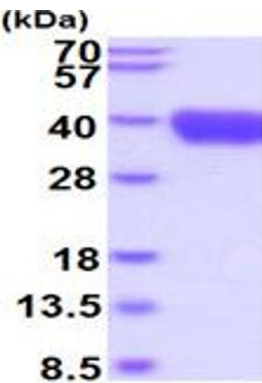
Format: Liquid

Concentration: 1 mg/mL

Buffer: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10 % glycerol.

Storage: 4 °C,-20 °C,-80 °C

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



15% SDS-PAGE (3ug)

SDS-PAGE
Image 1.