

Recombinant human SCC-S2/TNFAIP8 protein

Catalog Number: ATGP2150

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-198aa

UniProt No.

O95379

NCBI Accession No.

NP_055165

Alternative Names

Tumor necrosis factor alpha-induced protein 8, GG2-1; MDC-3.13, SCC-S2, SCCS2, TNF alpha induced protein 8, NF-kappa-B-inducible DED-containing protein, NDED

PRODUCT SPECIFICATION

Molecular Weight

25 kDa (221aa) confirmed by MALDI-TOF

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

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

TNFAIP8 belongs to the TNFAIP8 family. This protein acts as a negative mediator of apoptosis and may play a role in tumor progression. It suppresses the TNF-mediated apoptosis by inhibiting caspase-8 activity but not the processing of procaspase-8, subsequently resulting in inhibition of BID cleavage and caspase-3 activation. Recombinant human TNFAIP8 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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Amino acid Sequence

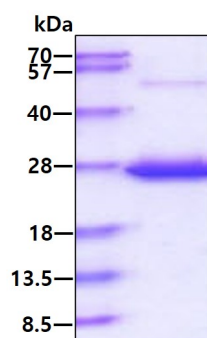
<MGSSHHHHHH SSGLVPRGSH MGS>MHSEAE SKEVATDVFN SKNLAVQAQK KILGKMVSKS IATTLIDDT
SEVLDELYRV TREYTQNKKE AEKIIKNIK TVIKLAILYR NNQFNQDELA LMEKFKKKVH QLAMTVVSFH QVDYTFDRNV
LSRLLNECRE MLHQIIQRHL TAKSHGRVNN VFDHFSDCEF LAALYNPFGN FKPHLQKLCD GINKMLDEEN I

General References

Kumar D, Gokhale P, et al. (2004). Oncogene. 23(2):612-6.

DATA

SDS-PAGE



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