

TNFAIP8, 1-198aa, Human, His tag, E.coli

Cat.NO.: TP04241

3th Edition

Synonyms:Tumor necrosis factor alpha-induced protein 8, GG2-1; MDC-3.13, SCC-S2, SCCS2

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.

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

Molecular Weight:25kDa (221aa), confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMHSEAEESKEVATDVFNSKNLAVQAQKKILGKMVSKSIATTLIDDTSSSEVLDE
LYRVTREYTNKKEAEKIIKNIKTVIKLAIFYRNNQFNQDELALMEKFKKKVHQLAMTVVSFHQVDYTFDRNVLSRLL
NECREMLHQIQRHLTAKSHGRVNNVFDHFSDCEFLAALYNPFGNFKPHLQKLCDGINKMLDEENI

Purity:> 95% by HPLC

Concentration:0.25 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.