
Product Data Sheet

Product Name: TNFAIP8 Human
 Cat. No.: GP20978
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	GG2-1; MDC-3.13; SCC-S2; SCCS2; Tumor necrosis factor alpha-induced protein 8; TNF alpha-induced protein 8; Head and neck tumor and metastasis-related protein; NF-kappa-B-inducible DED-containing protein; NDED; TNF-induced protein GG2-1; TNFAIP8.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMHSEAE SKEVATDVFN SKNLAVQAQK KILGKMVSKS IATTLIDDT SEVLDELYRV TREYTQNKKE AEKIKNLIK TVIKLAILYR NNQFNQDELA LMEKFKKKVH QLAMTVVSFH QVDYTFDRNV LSROLLNECRE MLHQIIQRHL TAKSHGRVNN VFDHFSDFEF LAALYNPFGN FKPHLQKLCD GINKMLDEEN I.		
Formulation	TNFAIP8 protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.		

Introduction

TNFAIP8 which is a part of the TNFAIP8 family acts as a negative mediator of apoptosis and takes part in tumor progression. TNFAIP8 suppresses the TNF-mediated apoptosis by inhibiting caspase-8 activity but not the processing of procaspase-8, resulting in inhibition of BID cleavage and activation of caspase-3.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

TNFAIP8 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 221 amino acids (1-198a.a.) and having a molecular mass

Caution: Product has not been fully validated for medical applications. For research use only.

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of 25kDa. TNFAIP8 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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