Tumor Necrosis Factor, Alpha-Induced Protein 8, human recombinant (rhuNDED)

Catalog No: 99922
Lot No: XXXXX
Source: *E. coli*
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

Background

TNFAIP8, which is a part of the TNFAIP8 family, acts as a negative mediator of apoptosis and takes part in tumor progression. TNFAIP8 suppresses 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.

Description

TNFAIP8 Human Recombinant, produced in *E. coli*, is a single, non-glycosylated polypeptide chain containing 221 amino acids (1-198 aa). It has a molecular mass of 25 kDa. TNFAIP8 is fused to a 23 amino acid His-tag at N-terminus and purified by proprietary chromatographic techniques.

Physical Appearance

Sterile filtered, colorless solution.

Formulation

TNFAIP8 protein solution (0.25 mg/ml) contains 20 mM Tris-HCl buffer (pH 8.0), 0.15 M NaCl, 10% glycerol and 1 mM DTT.

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.

Purity

Greater than 90% as determined by SDS-PAGE.

Usage

This product is offered by Biomol for research purposes only. Not for diagnostic purposes or human use. It may not be resold or used to manufacture commercial products without written approval of Biomol GmbH.