

TNFAIP8 Protein, Human (His)

Cat. No.:	HY-P76682
Synonyms:	Tumor necrosis factor alpha-induced protein 8; MDC-3.13; NDED; SCC-S2; TNF-induced protein GG2-1
Species:	Human
Source:	E. coli
Accession:	O95379 (M1-I198)
Gene ID:	25816
Molecular Weight:	Approximately 26 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μ m filtered solution of PBS, 10% Glycerol, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/ μ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μ g/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	TNFAIP8 Protein serves as a negative regulator of apoptosis and is implicated in tumor progression. Its functional role involves the suppression of TNF-mediated apoptosis through the inhibition of caspase-8 activity, while not affecting the processing of procaspase-8. This, in turn, leads to the prevention of BID cleavage and the subsequent activation of caspase-3. By exerting control over key components in the apoptotic pathway, TNFAIP8 contributes to cellular survival mechanisms, emphasizing its potential significance in the context of apoptosis regulation and its implications for tumor development.
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Caution: Product has not been fully validated for medical applications. For research use only.

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