

Recombinant Human TNFAIP6 Protein, His tagged

Cat. No. TNFAIP6-10H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Human tumor necrosis factor, alpha-induced protein 6 (TNFAIP6), Tyr38-end, with N-terminal His tag, expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	38-277 aa
Description	The protein encoded by this gene is a secretory protein that contains a hyaluronan-binding domain, and thus is a member of the hyaluronan-binding protein family. The hyaluronan-binding domain is known to be involved in extracellular matrix stability and cell migration. This protein has been shown to form a stable complex with inter-alpha-inhibitor (I alpha I), and thus enhance the serine protease inhibitory activity of I alpha I, which is important in the protease network associated with inflammation. This gene can be induced by proinflammatory cytokines such as tumor necrosis factor alpha and interleukin-1. Enhanced levels of this protein are found in the synovial fluid of patients with osteoarthritis and rheumatoid arthritis.
Form	50 mM Tris-HCl, pH 8.0, 8 M urea
Molecular Mass	26.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage	Store at -80 centigrade. Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Concentration	>0.05 µg/µL as determined by microplate BCA method
Shipping	Dry Ice

GENE INFORMATION

Gene Name	TNFAIP6 TNF alpha induced protein 6 [Homo sapiens (human)]
Official Symbol	TNFAIP6
Synonyms	TNFAIP6; TNF alpha induced protein 6; TSG6; TSG-6; tumor necrosis factor-inducible gene 6 protein; TNF-stimulated gene 6 protein; hyaluronate-binding protein; tumor necrosis factor alpha-inducible protein 6; tumor necrosis factor, alpha induced protein 6; tumor necrosis factor-stimulated gene-6 protein
Gene ID	7130
mRNA Refseq	NM_007115
Protein Refseq	NP_009046
MIM	600410
UniProt ID	P98066

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