

Recombinant Full Length Human TNFAIP6 Protein, GST-tagged

Cat. No. TNFAIP6-578HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human TNFAIP6(1 a.a. - 277 a.a.)fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	277 amino acids
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, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	57.6 kDa
AA Sequence	MIILIYLFLL LWEDTQGWGF KDGIFHNSIW LERAAGVYHR EARSGKYKLT

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YAEAKAVCEF EGGHLATYKQ LEAARKIGFH VCAAGWMAKG RVGYPIVKPG
 PNCGFGKTGI IDYGIRLNRS ERWDAYCYNP HAKECGGVFT DPKQIFKSPG
 FPNEYEDNQI CYWHIRLKYG QRIHLSFLDF DLEDDPGCLA DYVEIYDSYD
 DVHGFVGRYC GDELPDDIIS TGNVMTLKFL SDASVTAGGF QIKYVAMDPV
 SKSSQGKNTS TTSTGNKNFL AGRFSLH

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
 Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION
Gene Name

TNFAIP6 tumor necrosis factor, alpha-induced protein 6 [Homo sapiens]

Official Symbol

TNFAIP6

Synonyms

TNFAIP6; tumor necrosis factor, alpha-induced protein 6; tumor necrosis factor-inducible gene 6 protein; TSG 6; TSG6; TNF alpha-induced protein 6; hyaluronate-binding protein; TNF-stimulated gene 6 protein; tumor necrosis factor alpha-inducible protein 6; tumor necrosis factor-stimulated gene-6 protein; TSG-6

Gene ID

7130

mRNA Refseq

NM_007115

Protein Refseq

NP_009046

MIM

600410

UniProt ID

P98066

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