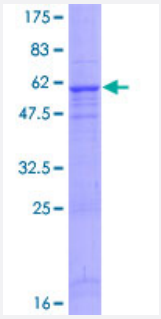
Full-Length

TNFAIP6 (Human) Recombinant Protein (P01)

Catalog # H00007130-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TNFAIP6 full-length ORF (NP_009046.2, 1 a.a. - 277 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MIILIYLFLLLWEDTQGWGFKDGIFHNSIWLERAAGVYHREARSGKYKLTYAEAKAVCEFEGGHLAT YKQLEAARKIGFHVCAAGWMAKGRVGYPIVKPGPNCGFGKTGIIDYGIRLNRSERWDAYCYNPHA KECGGVFTDPKQIFKSPGFPNEYEDNQICYWHIRLKYGQRIHLSFLDFDLEDDPGCLADYVEIYDSY DDVHGFVGRYCGDELPDDIISTGNVMTLKFLSDASVTAGGFQIKYVAMDPVSKSSQGKNTSTTST GNKNFLAGRFSHL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	57.6
Interspecies Antigen Sequence	Mouse (92); Rat (91)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — TNFAIP6

Entrez GeneID	7130
GeneBank Accession#	NM_007115.2
Protein Accession#	NP_009046.2
Gene Name	TNFAIP6
Gene Alias	TSG-6, TSG6
Gene Description	tumor necrosis factor, alpha-induced protein 6
Omim ID	600410
Gene Ontology	Hyperlink
Gene Summary	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. The expression of this gene can be induced by tumor necrosis factor alpha and interleukin-1. The expression can also be induced by mechanical stimuli in vascular smooth muscle cells, and is found to be correlated with proteoglycan synthesis and aggregation. [provided by RefSeq
Other Designations	hyaluronate-binding protein|tumor necrosis factor alpha-inducible protein 6|tumor necrosis factor-inducible protein 6|tumor necrosis factor-stimulated gene-6 protein

Disease

- Disease Progression
- Genetic Predisposition to Disease
- Hypercholesterolemia
- Nasal Polyps
- Osteoarthritis
- Ovarian Neoplasms
- Recurrence
- Rhinitis
- Sinusitis