

Recombinant Full Length Human PTX3 Protein, C-Flag-tagged

Cat. No. PTX3-1457HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PTX3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a member of the pentraxin protein family. The expression of this protein is induced by inflammatory cytokines in response to inflammatory stimuli in several mesenchymal and epithelial cell types, particularly endothelial cells and mononuclear phagocytes. The protein promotes fibrocyte differentiation and is involved in regulating inflammation and complement activation. It also plays a role in angiogenesis and tissue remodeling. The protein serves as a biomarker for several inflammatory conditions.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	41.8 kDa
AA Sequence	MHLLAILFCALWSAVLAENSDDYDLMYVNLDNEIDNGLHPTEDPTPCDCGQEHSEW DKLFIMLENSQMRE RMLLQATDDVLRGELQRLREELGRLAESLARPCAPGAPAEAR LTSALDELLQATRDAGRRLARMEGAEAQ RPEEAGRALAAVLEELRQTRADLHAVQ GWAARSWLPAGCETAILFPMRSKKIFGSVHPVRPMRLESFSAC IWVKATDVLNKTIL FSYGTKRNPYEIQLYLSYQSIVFVVGGEENKLVAEAMVSLGRWTHLCGTWNSEEG TSLWVNGELAATTVEMATGHIVPEGGILQIGQEKNCCVGGGFDETAFSGRLTGF

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	NIWDSVLSNEEIRE TGGAESCHIRGNIVGWGVTEIQPHGGAQYVSTRTRPLEQKLISEEDLAANDILDYKD DDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Secreted Protein
Full Length	Full L.

GENE INFORMATION

Gene Name	PTX3 pentraxin 3 [Homo sapiens (human)]
Official Symbol	PTX3
Synonyms	TSG-14; TNFAIP5
Gene ID	5806
mRNA Refseq	NM_002852.4

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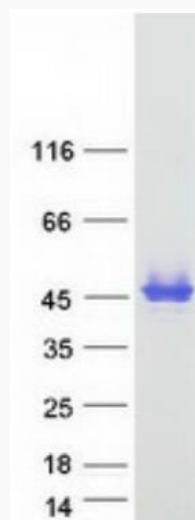
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Protein Refseq NP_002843.2

MIM 602492

UniProt ID P26022



Coomassie blue staining of purified PTX3 protein.

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