

Recombinant Human PTX3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PTX3-463H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PTX3 MS Standard C13 and N15-labeled recombinant protein (NP_002843) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	41.8 kDa
AA Sequence	MHLLAILFCALWSAVLAENSDDYDLMYVNLNDNEIDNGLHPTEDPTPCDCGQEHSEW DKLFIMLENSQMRERMLLQATDDVLRGELQRLREELGRLAESLARPCAPGAPAEAR LTSALDELLQATRDAGRRLARMEGAEAQRPEEAGRALAAVLEELRQTRADLHAVQG WAARSWLPAGCETAILFPMRSKKIFGSVHPVRPMRLESFSACIWWKATDVLNKTILF SYGTRKNPYEIQLYLSYQSIVFVVGGEENKLVAEAMVSLGRWTHLCGTWNSEEGLT SLWVNGELAATTVMATGHIVPEGGILQIGQEKNCCVGGGFDETLAFSGRLTGfNI

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	WDSVLSNEEIRETGGAESCHIRGNIVGWGVTEIQPHGGAQYVSTRTRPLEQKLISEE DLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	PTX3 pentraxin 3 [Homo sapiens (human)]
Official Symbol	PTX3
Synonyms	PTX3; pentraxin 3, long; pentaxin related gene, rapidly induced by IL 1 beta, pentraxin related gene, rapidly induced by IL 1 beta, TNFAIP5, tumor necrosis factor, alpha induced protein 5; pentraxin-related protein PTX3; TSG 14; pentraxin-3; TNF alpha-induced protein 5; pentaxin-related protein PTX3; tumor necrosis factor alpha-induced protein 5; tumor necrosis factor, alpha-induced protein 5; tumor necrosis factor-inducible protein TSG-14; tumor necrosis factor-inducible gene 14 protein; pentraxin-related gene, rapidly induced by IL-1 beta; pentaxin-related gene, rapidly induced by IL-1 beta, tumor necrosis factor, alpha-induced protein 5; TSG-14; TNFAIP5;
Gene ID	5806

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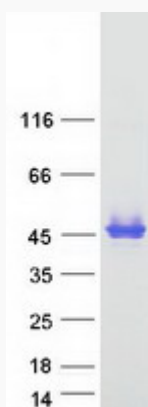
mRNA Refseq [NM_002852](#)

Protein Refseq [NP_002843](#)

MIM [602492](#)

UniProt ID [P26022](#)

SDS-PAGE



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