Recombinant Human PTX3 Protein, MYC/DDK-tagged

Cat. No. PTX3-3162H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTX3 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
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.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	41.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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

Gene Name	PTX3 pentraxin 3, long [Homo sapiens]
Official Symbol	PTX3
Synonyms	TNFAIP5; TSG-14
Gene ID	5806
mRNA Refseq	NM_002852
Protein Refseq	NP_002843
MIM	602492
UniProt ID	P26022

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