

## Product datasheet for **TP307922L**

### Pentraxin 3 (PTX3) (NM\_002852) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human pentraxin-related gene, rapidly induced by IL-1 beta (PTX3), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC207922 representing NM_002852 Red=Cloning site Green=Tags(s)

MHLLAILFCALWSAVLAENSDDYDLMYVNLNDNEIDNGLHPTEDPTPCDCGQEHSEWDKLFIMLENSQMRE  
RMLLQATDDVLRGELQRLREELGRLAESLARPCAPGAPAEARLTSALDELLQATRDAGRRLARMEGAEAQ  
RPEEAGRALAAVLEELRQTRADLHAVQGWAARSWLPAGCETAILFPMRSKKIFGSVHPVRPMPRLESFSAC  
IWKATDVLNKTILFSYGTKRNPYEQLYLSYQSIVFVVGGEENKLVAEAMVSLGRWTHLCGTWNSEEG  
TSLWVNGELAATTVEMATGHIVPEGGILQIGQEKNGCCVGGGFDETLAFSGRLTGFNIWDSVLSNEEIRE  
TGGAESCHIRGNIVGWGVTEIQPHGGAQYVS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	41.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_002843</a>



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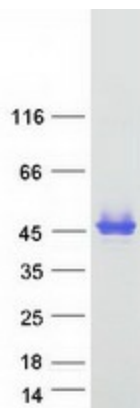
Locus ID: 5806  
UniProt ID: [P26022](#)  
RefSeq Size: 1908  
Cytogenetics: 3q25.32  
RefSeq ORF: 1143

Synonyms: TNFAIP5; TSG-14

**Summary:** 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. [provided by RefSeq, Jun 2016]

**Protein Families:** Secreted Protein

### Product images:



Coomassie blue staining of purified PTX3 protein (Cat# [TP307922]). The protein was produced from HEK293T cells transfected with PTX3 cDNA clone (Cat# [RC207922]) using MegaTran 2.0 (Cat# [TT210002]).