

## Product datasheet for PH307922

### Pentraxin 3 (PTX3) (NM\_002852) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	PTX3 MS Standard C13 and N15-labeled recombinant protein (NP_002843)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC207922
Predicted MW:	41.8 kDa
Protein Sequence:	>RC207922 representing NM_002852 Red=Cloning site Green=Tags(s)  MHLAAILFCALWSAVLAENSDDYDLMYVNL DNEIDNGLHPTEDPTPCDCGQEHSEWDKLFIMLENSQMRE RMLLQATDDVLRGELQRLREELGRLAESLARPCAPGAPAEARLTSALDELLQATRDAGRRLARMEGAEAQ RPEEAGRALAAVLEELRQTRADLHAVQGWAARSWLPAGCETAILFPMRSKKIFGSVHPVRPMLRESFSAC IWKATDVLNKTILFSYGTKRNPYEQYL SYQSIVFVVGGEENKLVAEAMVSLGRWTHLCGTWNSEEG TSLWVNGELAATTVEMATGHIVPEGGILQIGQEKNGCCVGGGFDETLAFSGRLTGFNIWDSVLSNEEIRE TGAESCHIRGNIVGWGVTEIQPHGGAQYVS  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_002843</a>
RefSeq Size:	1908
RefSeq ORF:	1143
Synonyms:	TNFAIP5; TSG-14
Locus ID:	5806



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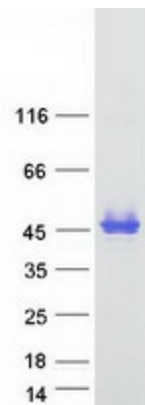
UniProt ID: [P26022](#)

Cytogenetics: 3q25.32

**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]).