

Pentraxin 3, human recombinant protein
TNFAIP5, TSG-14, PTX3.
Catalog # PBV10931r**Specification**

Pentraxin 3, human recombinant protein - Product info

Primary Accession	P26022
Concentration	1
Calculated MW	44.4 kDa (401 aa, 18-381 aa + His Tag), confirmed by MALDI-TOF. KDa

Pentraxin 3, human recombinant protein - Additional Info

Gene ID	5806
Gene Symbol	PTX3
Other Names	
TNFAIP5, TSG-14, PTX3.	
Gene Source	Human
Source	E. coli
Assay&Purity	SDS-PAGE; ≥90%
Assay2&Purity2	N/A;
Recombinant	Yes
Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMENS DDYDLMYVNL DNEIDNGLHP TEDPTPCDCG QEHSEWDKLF IMLENSQMRE RMLLQATDDV LRGELQRLRE ELGRLAESLA RPCAPGAPAE ARLTSALDEL LQATRDAGR LARMEGAEAQ RPEEAGRALA AVLEELRQTR ADLHAVQGWA ARSWLPAGCE TAILFPMRSK KIFGSVHPVR PMRLESFSAC IWVKATDVLN KTLFSYGTK RNPYEIQLYL SYQSIVFVVG GEENKLVAEA MVSLGRWTHL CGTWNSEEGT TSLWVNGELA ATTVEMATGH IVPEGGILQI GQEKNGCCVG GGFDETLAFS GRLTGFNIWD SVLSNEEIRE TGGAESCHIR GNIVGWGVTE IQPHGGAQYV S

Target/Specificity
PTX3**Format**
Liquid**Storage**
-80°C; 1 mg/ml in 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, and 1 mM DTT.**Pentraxin 3, human recombinant protein - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Pentraxin 3, human recombinant protein - Images

Pentraxin 3, human recombinant protein - Background

Pentraxin 3 (PTX3) is the prototypic member of the long pentraxin family sharing the C-terminal domain with short pentraxins and containing a unique N-terminal domain. Pentraxin 3 is produced and released at inflammatory sites by diverse cell types including monocytes/macrophages, endothelial cells, vascular smooth muscle cells, fibroblasts, and adipocytes. It plays a role in the regulation of innate resistance to pathogens, inflammatory reactions, possibly clearance of self-components and female fertility. Recombinant human Pentraxin 3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

Pentraxin 3, human recombinant protein - References

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Lee G.W.,et al.J. Immunol. 150:1804-1812(1993).
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