
Pentraxin 3, 18-381 aa, Human, His-tagged, Recombinant, E.coli

Cat.NO.: TP03350

3th Edition

Synonyms:TNFAIP5, TSG-14.

Description: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.

Form:Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT 10% glycerol.

Molecular Weight:44.4 kDa (401aa)

Sequences:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSME NSDDYDLMYVNL DNEIDNGLHPTEDPTPCDCGQ
EHSEWDKLFIMLENSQMRERMLLQATDDVLRGELQRLREELGRLAESLARPCAPGAPAEARLTSALDELLQATRDA
GRRLARMEGAE AQRPEEAGRALAAVLEELRQTRADLHAVQGWAARSWLPAGCETAILFPMRSKKIFG SVHPVVRP
MRLESFSACI WVKATDVLNKTILFSYGTKRNPYEIQLYLSYQSIVFVVGGEENKLVAEAMVSLGRWTHLCGTWNSEE
GLTSLWVNGELAATTVEMATGHIVPEGGILQIQEKNGCCVGGGFDETLAFSGRLTGFNIWDSVLSNEEI RETGGA
ESCHIRGNIVGWGVTEIQPHGGAQYVS

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.