

## Pentraxin-3 Human Recombinant, HEK

<b>Item Number</b>	rAP-4530
<b>Synonyms</b>	TSG-14, TNFAIP5, PTX3, Pentraxin-related protein PTX3, Pentaxin-related protein PTX3, Tumor necrosis factor-inducible gene 14 protein, TSG14, pentraxin-related gene rapidly induced by IL-1 beta.
<b>Description</b>	Pentraxin-3 Human Recombinant produced in HEK cells is a single, glycosylated, polypeptide chain (Glu18-Ser381) containing a total of 370 amino acids, having a calculated molecular mass of 41kDa and fused to a 6 aa His tag at C-Terminus.
<b>Uniprot Accession Number</b>	P26022
<b>Amino Acid Sequence</b>	ENSDDYDLMY VNLDNEIDNG LHPTEDPTPC DCGQEHWSEWD KLFIMLENSQ MRERMLLQAT DDVLRGELQR LREELGRLAE SLARPCAPGA PAEARLTSAL DELLQATRDA GRRLARMEGA EAQRPEEAGR ALAAVLEELR QTRADLHAVQ GWAARSWLPA GCETAILFPM RSKKIFGCVH PVRPMRLESF SACIWKATD VLNKTILFSY GTKRNPYEQ LYLSYQSIVF VVGGEENKLV AEAMVSLGRW THLCGTWNSE EGLTSLWVNG ELAATTVEMA TGHIVPEGGI LQIGQEKNCG CVGGGF- DETL AFSGRLTGFN IWDSVLSNEE IRETGGAESC HIRGNIVGWG VTEIQPHGGA QYVSHHHHHH.
<b>Source</b>	HEK 293.
<b>Physical Appearance and Stability</b>	Filtered White lyophilized (freeze-dried) powder. Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.
<b>Formulation and Purity</b>	PTX3 was filtered (0.4 µm) and lyophilized from 0.5mg/ml solution in phosphate buffered saline. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	It is recommended to add 200µl deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely. PTX3 is not sterile! Please filter the product by an appropriate sterile filter before using
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**