

Pentraxin-3 Human Recombinant

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| Item Number | rAP-4531 |
| Synonyms | 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. |
| Description | Recombinant Human PTX3 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 401 amino acids (18-381 a.a) and having a molecular mass of 44.4 kDa. PTX3 is fused to a 36 amino acid His Tag at N-terminus and purified by proprietary chromatographic techniques. |
| Uniprot Accession Number | P26022 |
| Amino Acid Sequence | MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMENS DDYDLMYVNL DNEIDNGLHP TEDPTPCDCG QEHWSEDKLF IMLNSQMRE RMLLQATDDV LRGELQRLRE ELGRLAESLA RPCAP- GAPAE ARLTSALDEL LQATRDAGRR LARMEGAEAQ RPEEAGRALA AVLEELRQTR ADLHAVQGWA ARSWLPAGCE TAILFPMRSK KIFGSVHPVR PMRLESFSAC IWVKATDVLN KTILFSYGTK RNPYEIQLYL SYQSIVFVVG GEENKLVAEA MVSLGRWTHL CGTWNSEEGL TSLWVNGELA ATTVEMATGH IVPEG- GILQI GQEKNGCCVG GGFDETLAFS GRLTGFNIWD SVLSNEEIRE TGGAESCHIR GNIVGWGVTE |
| Source | Escherichia Coli. |
| Physical Appearance and Stability | Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles. |
| Formulation and Purity | The PTX3 protein contains 20mM Tris-HCl buffer pH-8.5, 1mM DTT and 10% glycerol. Greater than 90% as determined by Analysis by SDS-PAGE. |
| Application | |
| Solubility | |
| Biological Activity | |
| Shipping Format and Condition | 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**