

Human PTX3 Recombinant Protein



RPPB4337

Product Information Protein Information

Product SKU:

RPPB4337

Accession:

P26022

Host:

HEK 293.

Protein description:

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.

Appearance:

Filtered White lyophilized (freeze-dried) powder.

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.

Formulation:

PTX3 was filtered (0.4 µm) and lyophilized from 0.5mg/ml solution in phosphate buffered saline.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Solubility:

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 it in the cell culture.

Stability:

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.

Amino Acid Sequence:

ENSDDYDLMY VNLDNEIDNG LHPTEDPTPC DCGQEHSEWD KLFIMLENSQ MRERMMLLQAT DDVLRGELQR
LREELGR LAE SLARPCAPGA PAEARLTSAL DELLQATRDA GRRLARMEGA EAQRPEEAGR ALAAVLEELR
QTRADLHAVQ GWAARSWLPA GCETAILFPM RSKKIFGSVH PVRPMRLESF SACIWWKATD VLNKTILFSY
GTKRNPYEQ LYSYQSIVF VVGGEENKLV AEAMVSLGRW THLCGTWNSE EGLTSLVWVNG ELAATTVEMA
TGHIVPEGGI LQIGQEKNGC CVGGGFDETL AFSGRLTGFN IWDSVLSNEE IRETGGAESC HIRGNIVGWG
VTEIQPHGGA QYVSHHHHHH.