

PRODUCT DATA SHEET

Pentraxin 3 Human HEK293

Cat. No.: RD172477100

Size: 0.1 mg

Source: HEK293

Type: Recombinant protein

Species: Human

Other Names:

PTX3, TSG-14, Pentraxin-related protein PTX3, Tumor necrosis factor-inducible gene 14 protein, TSG14, TSG 14

Description:

Total 370 AA. MW: 41.0 kDa (calculated). UniProtKB acc. No. P26022 (Glu18–Ser381). C-terminal His-tag (6 extra AA). Protein identity confirmed by MS.

Amino Acid Sequence:

ENSDDYDLMY VNLNDNEIDNG LHPTEDPTPC DCGQEHSEWD KLFIMLENSQ MRERMLLQAT
DDVLRGELQR LREELGRLAE SLARPCAPGA PAEARLTSAL DELLQATRDA GRRLARMEGA
EAQRPEEAGR ALAAVLEELR QTRADLHAVQ GWAARSWLPA GCETAILFPM RSKKIFGSVH
PVRPMRLESF SACIWVKATD VLNKTILFSY GTKRNPYEIQ LYLSYQSIVF VVGGEENKLV
AEAMVSLGRW THLCGTWNSE EGLTSLWVNG ELAATTVEMA TGHIVPEGGI LQIGQEKNGC
CVGGGFDETL AFSGRLTGFN IWDSVLSNEE IRETGGAESC HIRGNIVGWG VTEIQPHGGA
QYVSHHHHHH

Purity:

> 90 % by SDS-PAGE

Endotoxin:

< 1.0 EU/μg

Formulation:

Filtered (0.4 μm) and lyophilized from 0.5 mg/mL solution in phosphate buffered saline, pH 7.4

Reconstitution:

Add 200 μL of deionized water to prepare a working stock solution of approximately 0.5 mg/mL and let the lyophilized pellet dissolve completely.

Shipping:

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage/Stability:

Store the lyophilized protein at -80 °C. Lyophilized protein remains stable until the expiry date when stored at -80 °C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80 °C for long term storage. Reconstituted protein can be stored at 4 °C for a week.

Quality Control:

BCA to determine quantity of the protein.
SDS PAGE to determine purity of the protein.
Endotoxin level determination.

Applications:

ELISA, Western blotting

Note:

This product is intended for research use only.