

## 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 VNLNDEIDNG 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 in phosphate buffered saline, pH 7.5

#### 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.