Pentraxin 3 Human HEK293

Product Data Sheet

Type: Recombinant
Source: HEK293
Species: Human
Other names: PTX3, TSG-14, Pentraxin-related protein PTX3, Tumor necrosis factor-inducible gene 14 protein

Cat. No.:
RD172477100 (0.1 mg)

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 LC-MS/MS.

Research topic

Cardiovascular disease, Immune Response, Infection and Inflammation

Amino Acid Sequence

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ENSDDYDLMY VNLDNEIDNG 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
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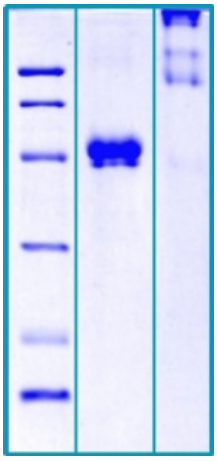
Source

HEK293

Purity

Purity as determined by densitometric image analysis: > 95%

SDS-PAGE gel



12 % SDS-PAGE separation of Human Pentraxin 3 (HEK):

1. M.W. marker - 14, 21, 31, 45, 66, 97 kDa

2. Reduced and boiled sample, 2.5 µg/lane

3. Non-reduced and non-boiled sample, 2.5 µg/lane

Endotoxin

< 1.0 EU/µg

Formulation

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

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. Filter sterilize your culture media/working solutions containing this non-sterile product before using in cell

culture.

Shipping

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

Storage, Stability/Shelf Life

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 Test

BCA to determine quantity of the protein.
SDS-PAGE to determine purity of the protein.
LAL TEST to determine endotoxin level.

Applications

Cell culture and/or animal studies, ELISA, Western blotting

Note

This product is intended for research use only.

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