

Recombinant Full Length Human PTX3 protein, His-tagged

Cat. No. PTX3-3949H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTX3 protein(Met1-Ser381)(NP_002843.2), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Ser381
Form	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Molecular Mass	The secreted recombinant human PTX3 consists of 375 amino acids and has a predicted molecular mass of 41.6 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of the protein is approximately 43-47 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 97 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name PTX3 pentraxin 3, long [Homo sapiens]

Official Symbol PTX3

Synonyms

PTX3; pentraxin 3, long; pentaxin related gene, rapidly induced by IL 1 beta , pentraxin related gene, rapidly induced by IL 1 beta , TNFAIP5, tumor necrosis factor, alpha induced protein 5; pentraxin-related protein PTX3; TSG 14; pentraxin-3; TNF alpha-induced protein 5; pentaxin-related protein PTX3; tumor necrosis factor alpha-induced protein 5; tumor necrosis factor, alpha-induced protein 5; tumor necrosis factor-inducible protein TSG-14; tumor necrosis factor-inducible gene 14 protein; pentraxin-related gene, rapidly induced by IL-1 beta; pentaxin-related gene, rapidly induced by IL-1 beta, tumor necrosis factor, alpha-induced protein 5; TSG-14; TNFAIP5;

Gene ID 5806

mRNA Refseq NM_002852

Protein Refseq NP_002843

MIM 602492

UniProt ID P26022

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