

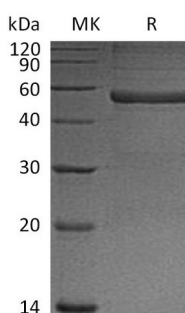
Product Name: Recombinant Mouse PTX3 (N-6His)
Catalog #: PHM2274



Summary

Name	PTX3/Pentraxin-related protein PTX3
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Mouse Pentraxin-related protein PTX3 is produced by our Mammalian expression system and the target gene encoding Glu18-Ser381 is expressed with a 6His tag at the N-terminus.
Accession #	P48759
Host	Human Cells
Species	Mouse
Predicted Molecular Mass	43.4 KDa
Formulation	Supplied as a 0.2 μm filtered solution of PBS, pH 7.4.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image



Background

Alternative Names	alpha-induced protein 5; pentaxin-related gene, rapidly induced by IL-1 beta, tumor necrosis factor; Pentaxin-related protein PTX3; Pentraxin 3; pentraxin 3, long; pentraxin-3; pentraxin-related gene, rapidly induced by IL-1 beta; pentraxin-related protein PTX3; PTX3; TNF alpha-induced protein 5; TNFAIP5; TSG14; TSG-14
--------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Product Name: Recombinant Mouse PTX3 (N-6His)
Catalog #: PHM2274



Background

Pentraxin-related protein PTX3, also known as Tumor necrosis factor-inducible gene 14 protein (TSG-14), belongs to the pentraxin family. PTX3 plays a role in the regulation of innate resistance to pathogens, inflammatory reactions, possibly clearance of self-components and female fertility. It's subunit is a disulfide-linked homooctamer that binds to C1q. PTX3 concentration is elevated in the joint fluid of patients with rheumatoid arthritis (RA), indicating that PTX3 may be a potential mediator of immune response. PTX3 may also function in the regulation of the uptake and clearance of apoptotic cells by dendritic cells. An in vivo study showed that PTX3 transgenic mice are more resistant to sepsis and endotoxemia compared to wild-type during inflammatory injury.

Note

For Research Use Only , Not for Diagnostic Use.