

**RPES8288**

---

## Product Information

<b>Product SKU:</b>	RPES8288	<b>Expression Host:</b>	Mammalian	<b>Size:</b>	20µg
<b>Tag:</b>	C-Fc	<b>Reactivity:</b>	Human	<b>Accession:</b>	P26022

---

## Additional Information

<b>Calculated MW:</b>	64.9 kDa	<b>Observed MW:</b>	60-80 kDa
<b>Sequence:</b>	Glu18-Ser381		

---

## Protein Information

**Background:** Ptx3, also known as tumor necrosis factor-stimulated gene sequence-14 (TSG14), is a secreted pattern-recognition receptor that has a non-redundant role in resistance to selected microbial agents. Ptx3 belongs to the family of "long pentraxins", which have C-terminal pentraxin domains and novel amino-terminal domains. Ptx3 binds selected pathogens, including *Aspergillus fumigatus*, *Pseudomonas aeruginosa* and *Salmonella typhimurium*. It is synthesized in IgA glomerulonephritis and activates mesangial cells.

**Synonyms:** AI607804, Pentaxin 3, Pentaxin-related protein PTX3, Pentraxin 3 long, Pentraxin-related gene, Pentraxin-related gene rapidly induced by IL-1 beta, Pentraxin-related protein PTX3, PTX3, PTX3, TNF alpha-induced protein 5, TNFAIP5, TSG-14, TSG14, Tumor necrosis factor alpha-induced protein 5, Tumor necrosis factor-inducible gene 14 protein, Tumor necrosis factor-inducible protein TSG-14

**Endotoxin:** < 1.0 EU/mg of the protein as determined by the LAL method

**Formulation:** Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.

**Purity:** > 90% as determined by reducing SDS-PAGE.

**Bio-Activity:** Not validated for activity

**Storage:** Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

**Contact Details | Dublin, Ireland**

**Email:** [techsupport@assaygenie.com](mailto:techsupport@assaygenie.com) | **Web:** [www.assaygenie.com](http://www.assaygenie.com)

Copyright © 2024 Assay Genie Ltd, All Rights Reserved. All information / detail is correct at time of going to print.

**Contact Details | Dublin, Ireland**

**Email:** [techsupport@assaygenie.com](mailto:techsupport@assaygenie.com) | **Web:** [www.assaygenie.com](http://www.assaygenie.com)

Copyright © 2024 Assay Genie Ltd, All Rights Reserved. All information / detail is correct at time of going to print.