

# Human Pentraxin 3/PTX3, Tag Free Protein

HA210943



<b>Product name:</b>	Human Pentraxin 3/PTX3, Tag Free
<b>Species reactivity:</b>	Human
<b>Protein construction description:</b>	A DNA sequence encoding the human Pentraxin 3/PTX3 protein (P26022) (Glu 18-Ser 381) was expressed with tag free.

**Background:** This gene encodes a member of the pentraxin protein family. The expression of this protein is induced by inflammatory cytokines in response to inflammatory stimuli in several mesenchymal and epithelial cell types, particularly endothelial cells and mononuclear phagocytes. The protein promotes fibrocyte differentiation and is involved in regulating inflammation and complement activation. It also plays a role in angiogenesis and tissue remodeling. The protein serves as a biomarker for several inflammatory conditions.

**Purity:** >95% as determined by SDS-PAGE.

**Endotoxin:** Less than 1.0 EU per  $\mu\text{g}$  by the LAL method.

**Fragment region:** Pentraxin 3/PTX3 (18-381)

**Source:** HEK293

**Accession:** P26022

**Predicted molecular mass:** 40.5 kD

**Formulation:** Lyophilized from a 0.2  $\mu\text{m}$  filtered solution of PBS, pH7.4, 5% Trehalose, 5% mannitol.

**Reconstitution:** Reconstitute at 250  $\mu\text{g}/\text{ml}$  in sterile water.

**Storage:** Please avoid repeated freeze-thaw cycles. Samples are stable for up to twelve months from date of receipt at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . It is recommended that aliquot the reconstituted solution to minimize freeze-thaw cycles.

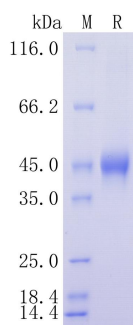
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**Fig1:** Protein on SDS-PAGE under reducing (R) condition.

**Note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".