



The Ultimate Research Partner

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PRODUCT SPECIFICATIONS

Product Name	Human TG protein
Catalog#	NBP0320
Description	Thyroglobulin (TG) represents one of the main autoantigenic targets in autoimmune thyroid disease of humans. TG is a large globular dimeric glycoprotein with a total molecular weight of 660 kDa, which occupies a key precursor role in the biosynthesis of the thyroid hormones. Approximately 75% of the total protein content of the thyroid follicle consists of TG.
Source	Human
Formulation	Supplied as a 0.2 µm filtered solution of PBS, pH7.4
Quality control	Purity: ≥90% as determined by reducing SDS-PAGE
Concentration	Lot specific(±20%)
Purification	Affinity purification and ion-exchange chromatography
Application	Immunogen, calibrator, standard or other applications
Shipping	The product is shipped on ice pack. Upon receipt, store it immediately at -20°C or lower.
Storage	Short term (up to 7 days) store at 2-8°C. Long term, store at -20°C. Avoid multiple freeze/thaw cycles.

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY