

## Thyroglobulin

Cat. No.:	HY-107903
CAS No.:	9010-34-8
Target:	Others
Pathway:	Others
Storage:	-20°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)

# Thyroglobulin

### SOLVENT & SOLUBILITY

In Vitro	H <sub>2</sub> O : 50 mg/mL (Need ultrasonic)
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### BIOLOGICAL ACTIVITY

Description	Thyroglobulin is a 660 kDa, dimeric glycoprotein produced by the follicular cells of the thyroid and used entirely within the thyroid gland. Thyroglobulin acts as a substrate for the synthesis of the thyroid hormones thyroxine (T <sub>4</sub> ) and triiodothyronine (T <sub>3</sub> ), as well as the storage of the inactive forms of thyroid hormone and iodine within the follicular lumen of a thyroid follicle <sup>[1]</sup> .
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IC <sub>50</sub> & Target	others
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### REFERENCES

[1]. Cintia E Citterio, et al. The role of thyroglobulin in thyroid hormonogenesis. Nat Rev Endocrinol. 2019 Jun;15(6):323-338.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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