

Thyroglobulin Canine

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NTP0058

Product Overview

Name	Thyroglobulin Canine
Accession(Primary)	P15881
Description	Thyroglobulin Canine

Target information (P15881)

Gene Name

About Gene Symbol

Background

Thyroglobulin's presence in the bloodstream, typically at low levels, is crucial for post-thyroidectomy monitoring and diagnosing thyroid disorders. Elevated serum thyroglobulin levels often indicate thyroid tissue remnants or recurrence of thyroid cancer. Thyroglobulin assays, including those utilizing recombinant thyroglobulin protein, serve as invaluable tools in assessing the effectiveness of thyroid cancer treatments, aiding clinicians in disease management decisions. In the realm of thyroid research, recombinant thyroglobulin finds extensive use as a research tool. Scientists utilize it to study thyroid hormone synthesis mechanisms, exploring the intricacies of iodination, thyroglobulin proteolysis, and hormone release. Additionally, it serves as a model for investigating autoimmune thyroid diseases, aiding in the understanding of conditions like Hashimoto's thyroiditis and Graves' disease. Thyroglobulin human recombinant protein, with its multifaceted roles in thyroid hormone synthesis and disease diagnostics, stands as a testament to the complexity of thyroid physiology. Its structural intricacies and diagnostic significance underscore its pivotal position in the field of endocrinology. As our understanding of thyroid disorders deepens, thyroglobulin, both as a biological entity and a research tool, continues to illuminate the path towards effective diagnostic

methods and therapeutic interventions, emphasizing its indispensable role in the intricate workings of the thyroid gland.