

Recombinant Human TPO

Catalog No: #GP10842



Package Size: #GP10842-1 100ug

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Description

Product Name	Recombinant Human TPO
Brief Description	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	thyroid peroxidase
Other Names	MSA; TPX; TDH2A
Accession No.	Swissprot:P07202Gene Accession:BC063107
Uniprot	P07202
GeneID	7173;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes a membrane-bound glycoprotein. The encoded protein acts as an enzyme and plays a central role in thyroid gland function. The protein functions in the iodination of tyrosine residues in thyroglobulin and phenoxo-ester formation between pairs of iodinated tyrosines to generate the thyroid hormones, thyroxine and triiodothyronine. Mutations in this gene are associated with several disorders of thyroid hormonogenesis, including congenital hypothyroidism, congenital goiter, and thyroid hormone organification defect IIA. Multiple transcript variants encoding distinct isoforms have been identified for this gene, but the full-length nature of some variants has not been determined.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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