

CATALOGUE #: 8RTP0

PRODUCT NAME: Recombinant human thyroid peroxidase (TPO)

Source:	Expressed in an insect cell line
Description	Soluble extracellular domain of human TPO (amino acid residues 19-846). Molecular weight 91981 Da. Does not contain any tags.
Application:	To be used as an antigen in the assays for the detection of human TPO-specific autoantibodies.
Analysis:	Purity > 95% (SDS-PAGE)
Immunological activity:	Immunoreactivity of recombinant human TPO is checked in ELISA with blood samples from the patients with anti-TPO autoantibodies.
Purification:	Affinity and ion exchange chromatography
Presentation:	Lyophilized from 20 mM Tris-HCl, pH 8.0, 250 mM NaCl, 0.1 mM KI, 5% D-mannitol. It is recommended to reconstitute this product with deionized water to its initial concentration.
Storage:	Lyophilized -20°C (-15 ... -30 °C allowed) Reconstituted -70°C (-65 ... -80 °C allowed)
Other information:	Avoid repeated freezing and thawing. It is recommended to aliquot the product after reconstitution. It is recommended to use 20 mM Tris-HCl, pH 8.0, 250 mM NaCl, 0.1 mM KI, to prepare diluted samples.
Material safety note:	This product is sold for research or further manufacturing use only . Standard Laboratory Practices should be followed when handling this material.