

Recombinant human TPO protein (His tag)

Description

Product name	Recombinant human TPO protein (His tag)
Catalog#	ABT-9036
Known as	Thyroid peroxidase
Expression system	E.coli
Tags	His tag C-terminus

Specifications

SDS-PAGE	105 kDa, reducing conditions
Purity	>95% SDS-PAGE
Form	Lyophilized powder

Stability and Storage

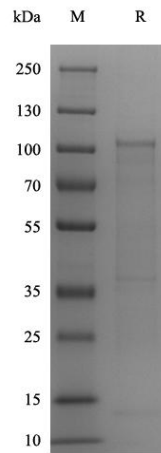
Storage	Store at -20 ~ -80°C, avoid repeated freeze/ thaw cycle
Stability	Aliquot and store at -20°C for 12 months.
Constituents	Lyophilized from 0.22 µm filtered solution in 8M Urea.

General information

Function	TPO 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 phenoxy-ester formation between pairs of iodinated tyrosines to generate the thyroid hormones, thyroxine and triiodothyronine. Diseases associated with TPO include Thyroid Dyshormonogenesis 2A and Congenital Hypothyroidism.
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Images

For research use only.



Human TPO (His Tag) on SDS-PAGE under reducing condition(R). The gel was visualized by Coomassie® Blue Staining. The purity of the protein is greater than 95%.

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