

# Recombinant Human Thyroglobulin protein ab152743

画像数 1

### 製品の詳細

製品名	Recombinant Human Thyroglobulin protein
発現系	Wheat germ
アクセッション番号	<b>P01266</b>
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant
生物種	Human
配列	FSHFIRSGNPYPYEF SRKVPTFATPWPDFVPRAGGENYKEF SELLPNRQ GLKKADCSFWSKYISSLKTSADGAKGGQSAESEEELTAGSG LREDLLSL QEPGSKTYSK
予測される分子量	38 kDa including tags
領域	2659 to 2768

### 特性

Our **Abpromise guarantee** covers the use of **ab152743** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	ELISA
	SDS-PAGE
	Western blot
製品の状態	Liquid
備考	

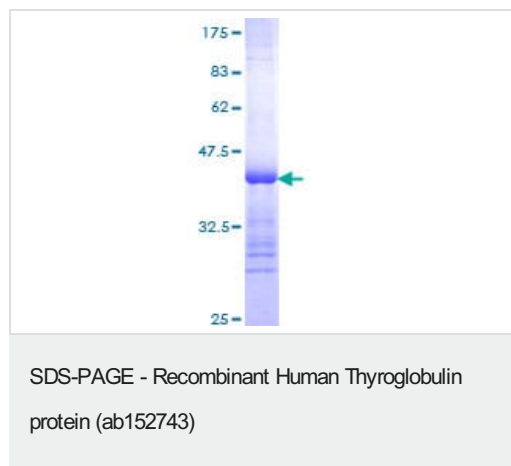
### 前処理および保存

保存方法および安定性	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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## 関連情報

機能	Precursor of the iodinated thyroid hormones thyroxine (T4) and triiodothyronine (T3).
組織特異性	Thyroid gland specific.
関連疾患	<p>Defects in TG are the cause of congenital hypothyroidism due to dysmorphogenesis type 3 (CHDH3) [MIM:274700]. A disorder due to thyroid dysmorphogenesis, causing large goiters of elastic and soft consistency in the majority of patients. Although the degree of thyroid dysfunction varies considerably among patients with defective thyroglobulin synthesis, patients usually have a relatively high serum free triiodothyronine (T3) concentration with disproportionately low free tetraiodothyronine (T4) level. The maintenance of relatively high free T3 levels prevents profound tissue hypothyroidism except in brain and pituitary, which are dependent on T4 supply, resulting in neurologic and intellectual defects in some cases.</p> <p>Variations in TG are associated with susceptibility to autoimmune thyroid disease type 3 (AITD3) [MIM:608175]. AITDs including Graves disease (GD) and Hashimoto thyroiditis (HT), are among the most common human autoimmune diseases. They are complex diseases, which are caused by an interaction between susceptibility genes and nongenetic factors, such as infection.</p>
配列類似性	<p>Belongs to the type-B carboxylesterase/lipase family.</p> <p>Contains 11 thyroglobulin type-1 domains.</p>
翻訳後修飾	Sulfated tyrosines are desulfated during iodination.
細胞内局在	Secreted.

## 画像



12.5% SDS-PAGE analysis of ab152743 stained with Coomassie Blue.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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