

Datasheet for ABIN934710 **SERPINA7 Protein**



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Overview

Quantity:	1 mg
Target:	SERPINA7
Origin:	Human
Source:	Human
Protein Type:	Native

Product Details

Characteristics:	Purified native Human TBG protein Contaminants: None detected by SDS PAGE analysis Protein Source: Human plasma
Purity:	> 98 % pure

Target Details

Target:	SERPINA7
Alternative Name:	TBG (SERPINA7 Products)
Background:	<p>Thyroxine-binding globulin (TBG) binds thyroid hormone in circulation. It is one of three proteins (along with transthyretin and albumin) responsible for carrying the thyroid hormones thyroxine (T4) and 3,5,3'-triiodothyronine (T3) in the bloodstream. Of these three proteins, TBG has the highest affinity for T4 and T3, but is present in the lowest concentration. Despite its low concentration, TBG carries the majority of T4 in the blood.</p> <p>Description: Human plasma.</p> <p>Alternative Names: T4 Binding Globulin protein, Thyroxine Binding Globulin protein, TBG protein</p>

Target Details

Molecular Weight: 660 kDa

Pathways: [Hormone Transport](#)

Application Details

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from 0.02 M NH₄HCO₃.
Contaminants: None detected by SDS PAGE analysis.

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C

Storage Comment: Store at 4 °C.