

SERPINA7 抗原（重组蛋白）

中文名称： SERPINA7 抗原（重组蛋白）

英文名称： SERPINA7 Antigen (Recombinant Protein)

别名： TBG

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Full length fusion protein

技术规格

Full name:	serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 7
Synonyms:	TBG
Swissprot:	P05543
Gene Accession:	BC020747
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	There are three proteins including thyroxine-binding globulin (TBG), transthyretin and albumin responsible for carrying the thyroid hormone s thyroxine (T4) and 3,5,3'-triiodothyronine (T3) in the bloodstream. This gene encodes the major thyroid hormone transport protein, TBG, in serum. It belongs to the serpin family in genomics, but the protein has no inhibitory function like many other members of the serpin family. Mutations in this gene result in TGB deficiency, which has been classified as partial deficiency, complete deficiency, and excess, based on the level of serum TBG. Alternatively spliced transcript variants

encoding different isoforms have been found, but the full-length nature of these variants has not been determined.