

## 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

|                           |   |
|---------------------------|---|
| <b>Full name:</b>         | serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 7   |
| <b>Synonyms:</b>          | TBG   |
| <b>Swissprot:</b>         | P05543  |
| <b>Gene Accession:</b>    | BC020747  |
| <b>Purity:</b>            | >85%, as determined by Coomassie blue stained SDS-PAGE  |
| <b>Expression system:</b> | Escherichia coli  |
| <b>Tags:</b>              | His tag C-Terminus, GST tag N-Terminus  |
| <b>Background:</b>        | There are three proteins including thyroxine-binding globulin (TBG), transthyretin and albumin responsible for carrying the thyroid hormone 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 f |

amily. 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.