

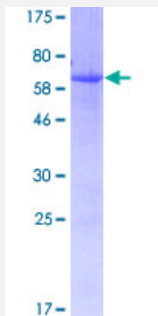
Full-Length

SERPINA6 (Human) Recombinant Protein (P01)

Catalog # H00000866-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SERPINA6 full-length ORF (AAH58021, 23 a.a. - 405 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDPNAAAYVNMSNHRGLASANVDFAFSLYKHLVALSPKKNIFSPVSISMALAMLSLGTGCHTRAQ
LLQGLGFNLTERSETEIHQGFQHLHQLFAKSDTSLEMTMGNALFLDGSLELLESFSADIKHYESE
VLAMNFQDWATASRQINSYVKNKTQGKVDLFSGLDSPAILVLVNYIFFKGTWTQPFDLASTREEN
FYVDETTVVVKVPMMLQSSTISYLHDAELPCQLVQMNYVGNQTVFFILPDKGKMNTVIAALSRDTINR
WSAGLTSSQVDLYIPKVTISGVYDLGDVLEEMGIADLFTNQANFSRITQDAQLKSSKVVKAVLQL
NEEGVDTAGSTGVTLNLTSPKPIILRFNQPFIMIFDHFTWSSLFLARVMNPV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

67.87

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SERPINA6

Entrez GeneID [866](#)

GeneBank Accession# [BC058021](#)

Protein Accession# [AAH58021](#)

Gene Name SERPINA6

Gene Alias CBG

Gene Description serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 6

Omim ID [122500](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes an alpha-globulin protein with corticosteroid-binding properties. This is the major transport protein for glucocorticoids and progestins in the blood of most vertebrates. The gene localizes to a chromosomal region containing several closely related serine protease inhibitors which may have evolved by duplication events. [provided by RefSeq]

Other Designations corticosteroid binding globulin|serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 6|transcortin

Disease

- [Abortion](#)

- [alpha 1-Antitrypsin Deficiency](#)
- [Arthritis](#)
- [Asthma](#)
- [Cardiovascular Diseases](#)
- [Chronic Disease](#)
- [Diabetes Mellitus](#)
- [Ductus Arteriosus](#)
- [Edema](#)
- [Fatigue Syndrome](#)
- [Genetic Predisposition to Disease](#)
- [Infant](#)
- [Infertility](#)
- [Lymphoma](#)
- [Mental Disorders](#)
- [Musculoskeletal Diseases](#)
- [Obesity](#)
- [Pain](#)
- [Psychiatric Status Rating Scales](#)
- [Psychophysiologic Disorders](#)
- [Somatoform Disorders](#)
- [Tobacco Use Disorder](#)
- [Wegener Granulomatosis](#)