

Recombinant Human SERPINA6 Protein, His-tagged

Cat. No. SERPINA6-1224H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human SERPINA6 Protein (Pro25-Val405) with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Pro25-Val405
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 45.6 kDa; Accurate Molecular Mass: 44 kDa
Purity	> 80%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

SERPINA6 serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 6 [Homo sapiens (human)]

Official Symbol

SERPINA6

Synonyms

SERPINA6; serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 6; CBG, serine (or cysteine) proteinase inhibitor, clade A (alpha 1 antiproteinase, antitrypsin), member 6; corticosteroid-binding globulin; corticosteroid binding globulin; transcortin; serpin A6; serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 6; CBG;

Gene ID

866

mRNA Refseq

NM_001756

Protein Refseq

NP_001747

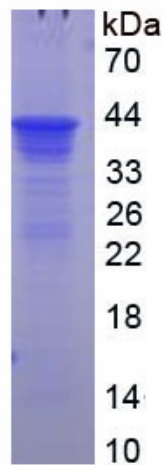
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MIM	122500
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UniProt ID	P08185
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