

32-7557: Recombinant Human Serpin A6 /Transcortin (C-6His)

Gene : SERPINA6

Gene ID : 866

Uniprot ID : P08185

Description

Source: Human Cells.

MW :43.67kD.

Recombinant Human Serpin A6 is produced by our Mammalian expression system and the target gene encoding Met23-Val405 is expressed with a 6His tag at the C-terminus. Serpin Peptidase Inhibitor, Clade A, Member 6 (SerpinA6) belongs to the Serine Protease Inhibitors superfamily. SerpinA6 is synthesized in liver and has also been identified in a number of glucocorticoid responsive cells. SerpinA6 has an alpha-globulin protein with corticosteroid-binding properties. It is the major transport protein for glucocorticoids and progestins in the blood of most vertebrates. Defects in SERPINA6 are a cause of corticosteroid-binding globulin deficiency which is an extremely rare hereditary disorder characterized by reduced corticosteroid-binding capacity with normal or low plasma corticosteroid-binding globulin concentration, and normal or low basal cortisol levels associated with hypo/hypertension and muscle fatigue.

Product Info

Amount : 10 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

Amino Acid : MDPNAAYVNMSNHRGLASANVDFAFSLYKHLVALSPKKNIFISPVISMALAMLSLGTGCGHTRAQLLQGLGFN
LTERSETEIHQGFQHLHQLFAKSDTSLEMTMGNALFLDGSLELLESFSADIKHYESEVLAMNFQDWATASRQI
NSYVKNKTQGKIVDLFSGLDSPAILLVVNYIFFKGTWTQPFDLASTREENFYVDETTVVKVPMMMLQSSTISYLHD
AELPCQLVQMNYVGNNGTVFFILPDKGKMNTVIAALSRTINRWSAGLTSSQVDLYIPKVTISGVYDLGDVLEEM
GIADLFTNQANFSRITQDAQLKSSKVVKAVLQLNEEGVDTAGSTGVTLNLTSPKPIILRFNQPFIIIFDHFHTWSS
LFLARVMNPVLDHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.