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Product Datasheet

Recombinant Human Serpin B12 (C-6His)
EBT-EPT171

Article Name	Recombinant Human Serpin B12 (C-6His)
Biozol Catalog Number	EBT-EPT171
Supplier Catalog Number	EPT171
Alternative Catalog Number	EBT-EPT171-10
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant Human Serine Protease Inhibitor-clade B12 is produced by our Mammalian expression system and the target gene encoding Met1-Pro425 is expressed with a 6His tag at the C-terminus....
Molecular Weight	Molecular weight: 49.5 KDa. Apparent molecular weight: 55 KDa, reducing conditions
UniProt	Q96P63
Purity	Greater than 95% as determined by reducing SDS-PAGE.

Application Notes	Redissolve: Always centrifuge tubes before opening.Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test. Background: Serpin B12 is a member of the serpin family. Serpins are the largest and most diverse family of serine protease inhibitors. Most serpins are secreted and attain physiologic concentrations in the blood and extracellular fluids. Serpin B12 is expressed in many tissues, including brain, bone marrow, lymph node, heart, lung, liver, pancreas, testis, ovary, and intestine. Serpins are involved in a number of fundamental biological processes such as blood coagulation, complement activation, fibrinolysis, angiogenesis, inflammation and tumor suppression and are expressed in a cell-specific manner. SerpinB12 inhibits trypsin and plasmin, but not thrombin, coagulation factor Xa, or urokinase-type plasminogen activator