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Product Datasheet

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

Artikelname	Recombinant Human Serpin B12 (C-6His)
Artikelnummer	EBT-EPT171
Hersteller Artikelnummer	EPT171
Alternativnummer	EBT-EPT171-10
Hersteller	ELK Biotechnology
Kategorie	Proteine/Peptide
Produktbeschreibung	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....
Molekulargewicht	Molecular weight: 49.5 KDa. Apparent molecular weight: 55 KDa, reducing conditions
UniProt	Q96P63
Reinheit	Greater than 95% as determined by reducing SDS-PAGE.

Anwendungsbeschreibung

Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.1 ng/ μ g (1 EU/ μ g) 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