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32-8474: Recombinant Human Serpin B12/SERPINB12 (C-6His)

Gene : SERPINB12
Gene ID : 89777
Uniprot ID : Q96P63

Description

Source: Human Cells.
MW :49.5kD.
Recombinant Human Serpin 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. 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.

Product Info

Amount : 10 µg / 50 µg
Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.
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 : MDSLVTANTKFCFDLFQEIGKDDRHKNIFFSPLSLSAALGMVRLGARSDSAHQIDEVLHFNEFSQNESKEPDPC
LKSNKQKVLADSSLEGQKKTTEPLDQQAGSLNNESGLVSCYFGQLLSKLDRIKTDYTLSIANRLYGEQEFPICQE
YLDGVIQFYHTTIESVDFQKNPEKSRQEINFWVECQSQGKIKELFSKDAINAETVLVLVNAVYFKAKWETYFDHE
NTVDAPFCLNANENKSVKMMTQKGLYRIGFIEEVKAQILEMRYTKGKLSMFVLLPSHSKDNLKGLEELERKITYE
KMVAWSSSENMSEESVVLSFPRFTLEDSYDLNSILQDMGITDIFDETRADLTGISPSPNLYLSKIIHKTFVEVDEN
GTQAAAATGAVVSERSLRSWVEFNANHPFLFFIRHNKTQTILFYGRVCSPVDHHHHHH

Application Note

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

For Research Use Only. Not for use in diagnostic/therapeutics procedures.