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Recombinant Mouse SerpinB10 Protein (His tag)

产品货号: TP06444

第三版

别名:9830131G07;BB233602;Serpina10-ps

描述:Serpins are the largest and most diverse family of serine protease inhibitors which 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. Serpins are a group of proteins with similar structures that were first identified as a set of proteins able to inhibit proteases. The acronym serpin was originally coined because many serpins inhibit chymotrypsin-like serine proteases (serine protease inhibitors). Over 1000 serpins have been identified. Mouse SerpinB10, also known as Peptidase inhibitor 10, PI-10, Bomapin and SERPINB10, is a nucleus and cytoplasm protein which belongs to the serpin family and Ov-serpin subfamily. SerpinB10 is expressed specifically in the bone marrow. SerpinB10 is a protease inhibitor that may play a role in the regulation of protease activities during hematopoiesis and apoptosis induced by TNF. SerpinB10 is a redox-sensitive nuclear serpin that augments proliferation or apoptosis of leukaemia cells, depending on growth factors availability. SerpinB10 may regulate protease activities in the cytoplasm and in the nucleus.

配方:PBS

分子量:46.5 kDa

序列:Met 1-Pro 397

纯度:> 95% by HPLC

浓度:

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.