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32-4817: Recombinant Human Serpin Peptidase Inhibitor, Clade B Member 8

Alternative Name : CAP2,PI8,Serpin B8,Cytoplasmic antiproteinase 2,Peptidase inhibitor 8,CAP-2.

Description

Source : Escherichia Coli. SERPINB8 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 397 amino acids (1-374 a.a) and having a molecular mass of 45.2kDa.SERPINB8 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Serpin Peptidase Inhibitor, Clade B Member 8 (SERPINB8) belongs to the ov-serpin subfamily, which, compared with the archetypal serpin PI1, is characterized by a high degree of homology to chicken ovalbumin, absence of N- and C-terminal extensions, lack of a signal peptide, and a serine instead of an asparagine residue at the penultimate position. The superfamily of high molecular weight serine proteinase inhibitors (serpins) control various intracellular and extracellular processes such as complement activation, fibrinolysis, coagulation, cellular differentiation, tumor suppression, apoptosis, and cell migration.

Product Info

Amount :	20 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	SERPINB8 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 30% glycerol and 1mM DTT.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMDDLCEA NGTFAISLFK ILGEEDNSRN VFFSPMSISS ALAMVFMGAK GSTAAQMSQA LCLYKDGDIH RGFQSLLSEV NRTGTQYLLR TANRLFGEKT CDFLPDFKEY CQKFYQAELE ELSFAEDTEE CRKHINDWVA EKTEGKISEV LDAGTVDPLT KLVLVNAIYF KGKWNEQFDR KYTRGMLFKT NEEKKTVQMM FKEAKFKMGY ADEVHTQVLE LPYVEEELSM VILLPDDNTD LAVVEKALTY EKFKAWTNSE KLTKSKVQVF LPRLKLEESY DLEPFLRRLG MIDAFDEAKA DFSGMSTEKN VPLSKVAHKC FVEVNEEGTE AAAATAVVRN SRCSRMEPRF CADHPFLFFI RHHKTNCILF CGRFSSP.

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