

32-8509: Recombinant Human Serpin B9/SERPINB9 (C-6His)

Gene : SERPINB9

Gene ID : 5272

Uniprot ID : P50453

Description

Source: Human Cells.

MW :43.4kD.

Recombinant Human Serpin B9 is produced by our Mammalian expression system and the target gene encoding Met1-Pro376 is expressed with a 6His tag at the C-terminus. Serpin B9 belongs to the large superfamily of serine proteinase inhibitors (serpins), which bind to and inactivate serine proteinases. Serpin B9 is an inhibitor of the granzyme B/perforin lytic pathway. It is expressed in normal mammary epithelial cells but not in most mammary carcinoma cell lines. These interactions are involved in many cellular processes, including coagulation, fibrinolysis, complement fixation, matrix remodeling, and apoptosis.

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 : METLSNASGTFAIRLLKILCQDNPSHNVFCSPVSISSALAMVLLGAKGNTATQMAQALSLNTEEDIHRAFQSLLT
EVNKAGTQYLLRTANRLFGEKTCQFLSTFKESCLQFYHAELKELSFIRAAEESRKHINTWVSKKTEGKIEELLPGS
SIDAETRLVLVNAIFYKGGWNEPFDETYREMPFKINQEEQRPVQMMYQEATFKLAHVGEVRAQLLELPYARKE
LSELLVLLPDDGVELSTVEKSLTFEKLTAWTKPDCMKSTEVEVLLPKFKLQEDYDMESVLRHLGIVDAFQQGKAD
LSAMSAERDLCLSKFVHKSFVEVNEEGTEAAAASSCFVVAECCMESGPRFCADHPFLFFIRHNRANSILFCGRF
SSPVDHHHHHH

Application Note

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