

32-4814: Recombinant Human Serpin Peptidase Inhibitor, Clade B Member 2, His Tag

Alternative Name : Plasminogen activator inhibitor 2,PAI-2,Plasminogen activator inhibitor 2,SERPINB2,Serpin Peptidase Inhibitor,Clade B Member 2,His Tag,PLANH2,Monocyte Arg-serpin,Placental plasminogen activator inhibitor,Serpin B2,Urokinase inhibitor,HsT1

Description

Source : Escherichia Coli. SERPINB2 Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 438 amino acids (1-415 a.a.) and having a molecular mass of 49kDa.SERPINB2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. SERPINB2 is an inhibitory serpin produced primarily in keratinocytes, stimulated monocytes, and placental trophoblasts. SERPINB2 is found primarily as a 47 kDa non-glycosylated intracellular protein that is induced to be secreted as 60 kDa glycoprotein. The glycosylated and unglycosylated SERPINB2 are similarly effective as inhibitors of urokinase-type plasminogen activator (uPA), the only proven physiological target of SERPINB2.

Product Info

Amount : 10 µg

Purification : Greater than 80.0% as determined by SDS-PAGE.

Content : SERPINB2 protein solution (0.5mg/ml) containing Phosphate Buffered Saline (pH7.4), 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 MGSMEDLCVA NTLFALNLFK HLAKASPTQN LFLSPWSISS TMAMVYMGSR GSTEDQMAKV LQFNEVGANA VTPMTPENFT SCGFMQQIQK GSYPDAILQA QAADKIHSSF RSLSSAINAS TGNYLLESVN KLFGEKSASF REEYIRLCQK YYSSEPQAVD FLECAEEARK KINSWVKQT K GKIPNLLPE GSV DGDTRMV LVNAVYFKGK WKTPFEKLN GLYPFRVNSA QRTPVQMMYL REKLNIGYIE DLKAQILELP YAGDVSMFLL LPDEIADVST GLELLESEIT YDKLNKWT SK DKMAEDEVEV YIPQFKLEEH YELRSILRSM GMEDAFNKGR ANFSGMSERN DFLSEVFHQ AMVDVNEEGT EAAAGTGGVM TGRTGHGGPQ FVADHPFLFL IMHKITNCIL FFGRFSSP.

