

## 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 SGLVPRGSH MGSMEDLCVA NTLFALNLFK HLAKASPTQN LFLSPWSISS  
TMAMVYMGSR GSTEDQMAKV LQFNEVGANA VTPMTPENFT SCGFMQIQK GSYPDAILQA  
QAADKIHSSF RSLSSAINAS TGNYLLESVN KLFGEKSASF REEYIRLCQK YYSSEPQAVD FLECAEEARK  
KINSWVKTQT KGKIPNLLPE GSDVDGTRMV LVNAVYFKGK WKTPFEKLN GLYPFRVNSA QRTPVQMMYL  
REKLNIGYIE DLKAQILELP YAGDVSMFLL LPDEIADVST GLELLESEIT YDKLNKWTSK DKMAEDEVEV  
YIPQFKLEEH YELRSILRSM GMEDAFNKGR ANFSGMSERN DLFLSEVFHQ AMVDVNEEGT EAAAGTGGVM  
TGRTGHGGPQ FVADHPFLFL IMHKITNCIL FFGRFSSP.

