

AR51667PU-N

Human SERPINB2 / PAI2 (1-415, His-tag) - Purified

Alternate names:	Monocyte Arg-serpin, PAI-2, PLANH2, Placental plasminogen activator inhibitor, Plasminogen activator inhibitor 2, Serpin B2, Urokinase inhibitor
Quantity:	0.25 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	SERPINB2 belongs to the serpin family. This protein inhibits urokinase-type plasminogen activator. The monocyte derived PAI-2 is distinct from the endothelial cell-derived PAI-1.
Uniprot ID:	P05120
NCBI:	NP_001137290
GeneID:	5055
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >80% by SDS - PAGE Buffer System: 1 X Phosphate Buffered Saline (pH7.4) containing 30% glycerol, 1mM DTT.
Description:	Recombinant human SERPINB2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHH SSGLVPRGSH MGSMDLCVA NTLFALNLFK HLAKASPTQN LFLSPWSISS TMAMVYMGRS GSTEDQMAKV LQFNEVGANA VTPMTPENFT SCGFMQQIQK GSYPDAILQA QAADKIHSSF RSLSSAINAS TGNYLLESVN KLFGEKSASF REEYIRLCQK YYSSEPQAVD FLECAEEARK KINSWVKQT KGKIPNLLPE GSVDGDTRMV LVNAVYFKGK WKTPFEKKLN GLYPFRVNSA QRTPVQMMYL REKLNIGYIE DLKAQILELP YAGDVSMFLL LPDEIADVST GLELLESEIT YDKLNKWTSK DKMAEDEVEV YIPQFKLEEH YELRSILRSM GMEDAFNKGR ANFSGMSERN DLFLSEVFHQ AMVDVNEEGT EAAAGTGGVM TGRTGHGGPQ FVADHPFLFL IMHKITNCIL FFGRFSSP Molecular weight: 49.0. kDa (438aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Schleuning W.-D., et al, (1987) Mol. Cell. Biol. 7:4564-4567. Ye R.D., et al, (1989) J. Biol. Chem. 264:5495-5502.

Pictures:

