

Serpin Peptidase Inhibitor, Clade B Member 4 Human Recombinant

Item Number	rAP-4766
Synonyms	SERPINB4, Serpin Peptidase Inhibitor, Clade B (Ovalbumin), Member, Squamous Cell Carcinoma, Antigen, SCCA2, Serine (Or Cysteine) Proteinase Inhibitor, Clade B
Description	SERPINB4 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 413 amino acids (1-390 a.a) and having a molecular mass of 47.2kDa.SERPINB4 is fused to a 23 amino acid His-tag at N-terminus
Uniprot Accesion Number	P48594
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMEDLCVA NTLFALNLFK HLAKASPTQN LFLSPWSISS TMAMVYMGSR GSTEDQMAKV LQFNEVGANA VTPMTPENFT SCGFMQQIQK GSYPDAILQA QAADKIHSSF RSLSSAINAS TGNYLLESVN KLFGEKSASF REEYIRLCQK YYSSEPQAVD FLECAEEARK KINSWVKQT K GKIPNLLPE GSDVDGTRMV LVNAVYFKGK WKTPFEKKNL GLYPFRVNSA QRTPVQM- MYL REKLNIGYIE DLKAQILELP YAGDVSMFLL LPDEIADVST GLELLESEIT YDKLNKWTSK DKMAEDEVEV YIPQFKLEEH YELRSILRSM GMEDAFNKGR ANFSGMSERN DLFLSEVFHQ
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	SERPINB4 protein solution (0.5mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**