

## Serpin Peptidase Inhibitor, Clade B Member 8 Human Recombinant

<b>Item Number</b>	rAP-4764
<b>Synonyms</b>	CAP2, PI8, Serpin B8, Cytoplasmic antiproteinase 2, Peptidase inhibitor 8, CAP-2.
<b>Description</b>	SERPINB8 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 397 amino acids (1-374 a.a) and having a molecular mass of 45.2kDa. SERPINB8 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accesion Number</b>	P50452
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSMDDLCEA NGTFAISLFK ILGEEDNSRN VFFSPMSISS ALAMVFM-GAK GSTAAQMSQA LCLYKDGDIH RGFQSLLSEV NRTGTQYLLR TANRLFGEKT CDFLPDFKEY CQKFYQAELE ELSAFAEDTEE CRKHINDWVA EKTEGKISEV LDAGTVDPPLT KLVLVNAYF KGKWNEQFDR KYTRG-MLFKT
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear 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.
<b>Formulation and Purity</b>	SERPINB8 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 30% glycerol and 1mM DTT. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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 end users! This product is sold for **Research Use Only**