

Serpin Peptidase Inhibitor, Clade B Member 8 Human Recombinant

Item Number	rAP-4764
Synonyms	CAP2, PI8, Serpin B8, Cytoplasmic antiproteinase 2, Peptidase inhibitor 8, CAP-2.
Description	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.
Uniprot Accession Number	P50452
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMDLCEA NGTFAISLFK ILGEEDNSRN VFFSPMSISS ALAMVFM-GAK GSTAAQMSQA LCLYKGDGDIH RGFQSLSEV NRTGTQYLLR TANRLFGEKT CDFLPDFKEY CQKFYQAELE ELSAEDTEE CRKHINDWVA EKTEGKISEV LDAGTVDPPLT KLVLVNAIYF KGKWNEQFDR KYTRG-MLFKT
Source	Escherichia Coli.
Physical Appearance and Stability	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.
Formulation and Purity	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.
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**