

Colipase Pancreatic Human Recombinant

Item Number	rAP-4160
Synonyms	Colipase Pancreatic, Pancreatic Colipase Preproprotein, Colipase, CLPS.
Description	CLPS Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 118 amino acids (18-112) and having a molecular mass of 12.5 kDa. CLPS is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P04118
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MGSAPGPRGI IINLENGELC MNSAQCKSN CQHSSALGLA RCTSMAS-SENS ECSVKTYGI YYKPCERGL TCEGDKTIVG SITNTNFGIC HDAGRSKQ.
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	The CLPS solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 30% glycerol, 1mM DTT and 0.1M NaCl. 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**