

Proline Synthetase Co-Transcribed Human Recombinant

Item Number	rAP-4388
Synonyms	Proline Synthetase Co-Transcribed Homolog (Bacterial), Proline Synthetase Co-Transcribed (Bacterial Homolog), Proline Synthase Co-Transcribed Bacterial Homolog Protein, Proline Synthetase Co-Transcribed Bacterial Homolog Protein, PROSC.
Description	PROSC Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 298 amino acids (1-275) and having a molecular mass of 32.7 kDa. PROSC is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	O94903
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSMWRAGSM SAELGVGCAL RAVNERVQQA VARRPRDLPA IQPRL- VAVSK TKPADMVIEA YGHGQRTFGE NYVQELLEKA SNPKILSLCP EIKWHFIGHL QKQNVNKLMA VPNLFMLETV DSVKLADKVN SSWQRKGSPE RLKVMVQINT SGEESKHGLP PSETIAIVEH INA- KCPNLEF VGLMTIGSFG HDLSQGPND FQLLLSLREE LCKKLNIPAD QVELSMGMSA DFQHAVEVGS TNVRIGSTIF GERDYSSKPT PDKCAADVKA PLEVAQEH.
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	The PROSC solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 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**