
Product Data Sheet

Product Name: PROSC Human
 Cat. No.: GP24231
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
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.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMWRAGSM SAELGVGCAL RAVNERVQQA VARRPRDLPA IQPRLVAVSK TKPADMVIEA YGHGQRTFGE NYVQELLEKA SNPKILSLCP EIKWHFIGHL QKQNVNKLMA VPNFLFMLETV DSVKLADKVN SSWQRKGSPE RLKVMVQINT SGEESKHGLP PSETIAIVEH INAKCPNLEF VGLMTIGSFG HDLSQGPND FQLLLSLREE LCKKLNIPAD QVELSMGMSA DFQHAVEVGS TNVRIGSTIF GERDYSKKPT PDKCAADVKA PLEVAQEH.		
Formulation	The PROSC solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.		

Introduction

Proline Synthetase Co-Transcribed (PROSC) is a member of the UPF0001 family.

Stability

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.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

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