

Recombinant Full Length Human PROSC Protein, His-tagged

Cat. No. PROSC-138H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PROSC, 1-275aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-275aa
Description	PROSC belongs to the UPF0001 family. Recombinant human PROSC protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Molecular Mass	32.7 kDa (298aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMWRAGSM SAELGVGCAL RAVNERVQQA VARRPRDLPA IQPRLVAVSK TKPADMVIEA YGHGQRTFGE NYVQELLEKA SNPKILSLCP EIKWHFIGHL QKQNVNKLMA VPNLFMLETV DSVKLADKVN SSWQRKGSPE RLKVMVQINT SGEESKHGLP PSETIAIVEH INAKCPNLEF VGLMTIGSFG HDLSQGPNDP FQLLLSLREE LCKKLNIPAD QVELSMGMSA DFQHAVEVGS TNVRIGSTIF GERDYSKKPT PDKCAADVKA PLEVAQEH
Purity	>90% by SDS - PAGE

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Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	PROSC proline synthetase co-transcribed homolog (bacterial) [Homo sapiens]
Official Symbol	PROSC
Synonyms	PROSC; 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); proline synthetase co-transcribed bacterial homolog protein; FLJ11861;
Gene ID	11212
mRNA Refseq	NM_007198
Protein Refseq	NP_009129
MIM	604436
UniProt ID	O94903
Chromosome Location	8p11.2
Function	pyridoxal phosphate binding;