

## LanC Lantibiotic Synthetase Component C-Like 1 Human Recombinant

<b>Item Number</b>	rAP-4183
<b>Synonyms</b>	GPR69A, p40, LanC-like protein 1, 40 kDa erythrocyte membrane protein, LANCL1.
<b>Description</b>	LANCL1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 422 amino acids (1-399a.a) and having a molecular mass of 47.7kDa. LANCL1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	O43813
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSSLVPRGSH MGSMARAFP NPYADYNKSL AEGYFDAAGR LTPEFSQRLT NKIREL- LQQM ERGLKSADPR DGTGYTGWAG IAVLYLHLYD VFGDPAYLQL AHGYVKQSLN CLTKRSITFL CGDAGPLAVA AVLYHKMNE KQAEDCITRL IHLNKIDPHA PNEMLYGRIG YIYALLFVNK NFGVEKIPQS HIQQICETIL TSGENLARKR NFTAKSPLMY EWYQEYYVGA AHGLAGIYYY LMQPSLQVSQ GKLHSLVKPS VDYYCQLKFP SGNYPFCIGD NRDLLVHWCH GAPGVIYMLI QAYKVFREEK YLCDAYQCAD VIWQYGLLKK GYGLCHGSAG NAYAFLLTYN LTQDMKYLYR ACKFAEWCLE
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	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.
<b>Formulation and Purity</b>	LANCL1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 7.5), 0.15M NaCl, 20% glycerol and 1mM DTT. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**