9051 Mira Mesa Blvd, #910094
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LANCL1 Human

LanC Lantibiotic Synthetase Component C-Like 1 Human Recombinant
RCP1223

Product Overview

Name	LANCL1 Human
Description	
LanC Lantibiotic Synthetase Component C-Like 1 Human Recombinant	
Accession (Primary)	O43813
Synonyms	
GPR69A, p40, LanC-like protein 1, 40 kDa erythrocyte membrane protein, LANCL1.	
Introduction	
LanC Lantibiotic Synthetase Component C-Like 1 (LANCL1) belongs to the LanC family although formerly considered a part of the G-proteincoupled receptor superfamily. LANCL1 takes part in the biosynthesis of antimicrobial peptides. LANCL1 functions as a peptide-modifying enzyme component in eukaryotic cells. LANCL1 participates in EPS8 signaling and binds glutathione.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
LANCL1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 7.5), 0.15M NaCl, 20% glycerol and 1mM DTT.	
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.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MAQRAFP NPYADYNKSL AEGYFDAAGR LTPEFSQRLT NKIRELLQQM ERGLKSADPR DGTGYTGWAG IAVLYLHLYD VFGDPAYLQL AHGYVKQSLN CLTKRSITFL CGDAGPLAVA AVLYHKMNNE KQAEDCITRL IHLNKIDPHA PNEMLYGRIG YIYALLFVNK NFGVEKIPQS HIQQICETIL TSGENLARKR NFTAKSPLMY EWYQEYYVGA AHGLAGIYYY LMQPSLQVSQ GKLHSLVKPS VDYVCQLKFP	

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SGNYPPCIGD NRDLLVHWCH GAPGVIYMLI QAYKVFREEK YLCDAYQCAD VIWQYGLLKK GYGLCHGSAG

NAYAFLTLYN LTQDMKYLYR ACKFAEWCLE YGEHGCRTPD TPFSLFEGMA GTIYFLADLL VPTKARFPAF EL.

Precautions

LANCL1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O43813)