

32-4093: Recombinant Human LanC Lantibiotic Synthetase Component C-Like 1

Alternative Name : GPR69A,p40,LanC-like protein 1,40 kDa erythrocyte membrane protein,LANCL1.

Description

Source : Escherichia Coli. 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. 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.

Product Info

Amount :	20 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	LANCL1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 7.5), 0.15M NaCl, 20% glycerol and 1mM DTT.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMARAFNPYADYNKSL AEGYFDAAGR LTPEFSQRLT NKIRELLQOM ERGLKSADPR DGTGYTGWAG IAVLYLHLYD VFGDPAYLQL AHGYVKQSLN CLTKRSITFL CGDAGPLAVA AVLYHKMNNE KQAEDCITRL IHLNKIDPHA PNEMLYGRIG YIYALLFVNK NFGVEKIPQS HIQQICETIL TSGENLARKR NFTAKSPLMY EWYQEYYVGA AHGLAGIYYY LMQPSLQVSQ GKLHSLVKPS VDYVCQLKFP SGNYPPIGDRDRLVHWCH GAPGVIYMLI QAYKVFREK YLCDAYQCAD VIWQYGLLKK GYGLCHGSAG NAYAFLLTYN LTQDMKYLYR ACKFAEWCLE YGEHGCRTPD TPFSLFEGMA GTIYFLADLL VPTKARFPAF EL.