

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (FG-09) LERONLIMAB
 PRONUNCIATION ler on' li mab
 THERAPEUTIC CLAIM Treatment of HIV infection

CHEMICAL NAMES

1. Immunoglobulin G4, anti-(human Chemokine receptor CCR5) (humanized monoclonal PRO 140 γ 4-chain), disulfide with humanized monoclonal PRO 140 κ -chain, dimer
2. Immunoglobulin G4-kappa, anti-(*Homo sapiens* C-C chemokine receptor type 5 (CCR5, antigen CD195)); humanized monoclonal antibody; γ 4 heavy chain (1-449) [humanized VH (*Homo sapiens* IGHV3-15*06 (72%) –(IGHD)-IGHJ5*01 (87%)) [8.8.15] (1-122) -*Homo sapiens* IGHG4*01 (123-449)] (136-219')-disulfide with κ light chain (1'-219') [humanized V-KAPPA (*Homo sapiens* IGKV2D-29*02 (87%) –IGKJ1*01)[11.3.9] (1'-112') -*Homo sapiens* IGKC*01 (113'-219')], dimer (228-228":231-231")-bisdisulfide

STRUCTURAL FORMULA

Heavy chain

EVQLVESGGG	LVKPGGSLRL	SCAASGYTFS	NYWIGWVRQA	PGKGLEWIGD	50
IYPGGNYIRN	NEKFKDKTTL	SADTSKNTAY	LQMNSLKTED	TAVYYCGSSF	100
GSNYVFAWFT	YWGQGLVTV	SSASTKGPSV	FPLAPCSRST	SESTAALGCL	150
VKDYFPEPVT	VSWNSGALTS	GVHTFPAVLQ	SSGLYSLSSV	VTVPSSSLGT	200
KTYTCNVDHK	PSNTKVDKRV	ESKYGPPCPS	CPAPEFLGGP	SVFLFPPKPK	250
DTLMISRTPE	VTCVVVDVDSQ	EDPEVQFNWY	VDGVEVHNAK	TKPREEQFNS	300
TYRVVSVLTV	LHQDWLNGKE	YKCKVSNKGL	PSSIEKTISK	AKGQPREPQV	350
YTLPPSQEEM	TKNQVSLTCL	VKGFYPSDIA	VEWESNGQPE	NNYKTTTPVL	400
DSDGSFFLYS	RLTVDKSRWQ	EGNVFSCSVM	HEALHNNHYTQ	KSLSLSLGK	449

Light chain

DIVMTQSPLS	LPVTPGEPAS	ISCRSSQRL	SSYGHTYLHW	YLQKPGQSPQ	50'
LLIYEVSNR	SGVPDRFSGS	GGSTDFTLKI	SRVEAEDVGV	YYCSQSTHVP	100'
LTFGQGTKVE	IKRTVAAPSV	FIFPPSDEQL	KSGTASVCL	LNNFYPREAK	150'
VQWKVDNALQ	SGNSQESVTE	QDSKDYSTYSL	SSTLTLSKAD	YEKHKVYACE	200'
VTHQGLSSPV	TKSFNRGEC				219'

Disulfide bridges

22-96	22"-96"	23'-93'	23'''-93'''	136-219'	136"-219'"	139'-199'	139'''-199'''
149-205	149"-205"	228-228"	231-231"	263-323	263"-323"	369-427	369"-427"

Glycosylation sites (N)

Asn-299 Asn-299'

MOLECULAR FORMULA C₆₅₃₄H₁₀₀₃₆N₁₇₂₀O₂₀₄₀S₄₂ (non glycosylated)

MOLECULAR WEIGHT 146.7 kDa (non glycosylated)

TRADEMARK None as yet

SPONSOR CytoDyn Inc.

CODE DESIGNATIONS	PRO 140
<u>CAS</u> REGISTRY NUMBER	674782-26-4
UNII	Y1J4NP8FF0
WHO NUMBER	10751

gbk