

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (FG-185) NARSOPLIMAB  
 PRONUNCIATION nar sop' li mab  
 THERAPEUTIC CLAIM Treatment of immunoglobulin A nephropathy

CHEMICAL NAMES

1. Immunoglobulin G4 [226-proline], anti-(human mannan-binding lectin-associated serine protease 2) (human monoclonal OMS721  $\gamma$ 4-chain), disulfide with human monoclonal OMS721  $\lambda$ -chain, dimer
2. Immunoglobulin G4-lambda, anti-(*Homo sapiens* Mannan-binding lectin serine protease 2 (Mannose-binding protein-associated serine protease 2, EC=3.4.21.104); human monoclonal antibody;  $\gamma$ 4 heavy chain (1-445) [*Homo sapiens* VH (IGHV2-26\*01 (94%) –(IGHD)-IGHJ4\*01) [10.7.10] (1-118) -*Homo sapiens* IGHG4\*01 {hinge[S<sup>10</sup>>P(226)]} (119-445)] (132-211')-disulfide with  $\lambda$  light chain (1'-212') [*Homo sapiens* V-LAMBDA (IGLV3-1\*01 (94%) – IGLJ2\*01)[6.3.9] (1'-106') -*Homo sapiens* IGLC2\*01 (107'-212')], dimer (224-224":227-227")-bisdisulfide

STRUCTURAL FORMULA

Heavy chain

QVTLKESGPV	LVKPTETLTL	TCTVSGFSL	RGKMGVSWIR	QPPGKALEWL	50
AHIFSSDEKS	YRTSLKSRLT	ISKDTSKNQV	VLTMNMDPV	DTATYYCARI	100
RRGGIDYWGQ	GTLVTVSSAS	TKGPSVFPPLA	PCSRSTSEST	AALGCLVKDY	150
FPEPVTVSWN	SGALTSGVHT	FPAVLQSSGL	YSLSSVVTVF	SSSLGTKTYT	200
CNVDHKPSNT	KVDKRVESKY	GPPCPPCPAP	EFLGGPSVFL	FPPKPKDTLM	250
ISRTPEVTCV	VVDVSQEDPE	VQFNWYVDGV	EVHNAKTKPR	EEQFNSTYRV	300
VSVLTVLHQD	WLNGKEYKCK	VSNKGLPSSI	EKTISKAKGQ	PREPQVYTLF	350
PSQEEMTKNQ	VSLTCLVKGF	YPSDIAVEWE	SNGQPENNYK	TPPPVLDSDG	400
SFFLYSRLTV	DKSRWQEGNV	FSCSVMEAL	HNHYTQKSL	LSLGK	445

Light chain

QPVLTPPSSL	SVSPGQTASI	TCSGKLGDK	YAYWYQKPG	QSPVLVMYQD	50'
KQRPSGIPER	FSGSNSGNTA	TLTISGTQAM	DEADYQCQAW	DSSTAVFGGG	100'
TKLTVLGQPK	AAPSVTLFPP	SSEELQANKA	TLVCLISDFY	PGAVTVAWKA	150'
DSSPVKAGVE	TTTPSKQSN	KYAASSYLSL	TPEQWKSRS	YSCQVTHEGS	200'
TVEKTVAPTE	CS				212'

Disulfide bridges location

22'-87'	22"-87"	22-97	22"-97"	132'-211	132"-211"	134'-193'	134"-193"
145-201	145"-201"	224-224"	227-227"	259-319	259"-319"	365-423	365"-423"

Glycosylation sites (N)  
 Asn-295 Asn-295"

MOLECULAR FORMULA C<sub>6340</sub>H<sub>9876</sub>N<sub>1680</sub>O<sub>1996</sub>S<sub>48</sub>

MOLECULAR WEIGHT 143.1 kDa (non-glycosylated)

TRADEMARK None as yet

SPONSOR	Omeros Corp.
CODE DESIGNATIONS	OMS721
<u>CAS</u> REGISTRY NUMBER	2108782-45-0
UNII	FT24ZQQ5RP
WHO NUMBER	11174

gbk