

June 29, 2016

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (DE-20) PORGAVIXIMAB
 PRONUNCIATION por" ga vix' i mab
 THERAPEUTIC CLAIM Treatment of Ebola virus

CHEMICAL NAMES

1. Immunoglobulin G1, anti-(Ebola virus glycoprotein) (human-*Mus musculus* monoclonal c2G4 heavy chain), disulfide with human-*Mus musculus* monoclonal c2G4 κ-chain, dimer
2. Immunoglobulin G1-kappa, anti-(Ebola virus glycoprotein); chimeric *Homo sapiens-Mus musculus* monoclonal antibody: γ1 heavy chain (1-451) [*Mus musculus* VH (IGHV6-6*02 (95%) –(IGHD)-IGHJ4*01 (94%)) [8.10.12] (1-121) -*Homo sapiens* IGHG1*01{CH1 K97>R(218)} (122-451)] (224-214')-disulfide with κ light chain (1'-214') [*Mus musculus* V-kappa (IGKV12-46*01 (95%) –IGKJ2*01) [6.3.9] (1'-107') -*Homo sapiens* IGKC*01 (108'-214')] dimer (230-230":233-233")-bisdisulfide

STRUCTURAL FORMULA

Heavy chain

EVQLQESGGG	LMQPGGSMKL	SCVASGFTFS	NYWMNWVRQS	PEKGLEWVAE	50
IRLKSNNYAT	HYAESVKGRF	TISRDDSKRS	VYLMQNTLRA	EDTGIYYCTR	100
GNGNYRAMDY	WGQGTSVTVS	SASTKGPSVF	PLAPSSKSTS	GGTAALGCLV	150
KDYFPEPVTV	SWNSGALTS	VHTFPAVLQS	SGLYSLSSVV	TVPSSSLGTQ	200
TYICNVNHKP	SNTKVDKRV	PKSCDKHTC	PPCPAPELLG	GPSVFLFPPK	250
PKDTLMISRT	PEVTCVVVDV	SHEDPEVKFN	WYVDGVEVHN	AKTKPREEQY	300
NSTYRVVSVL	TVLHQDWLNG	KEYKCKVSNK	ALPAPIEKTI	SKAKGQPREP	350
QVYTLPPSRD	ELTKNQVSLT	CLVKGFYPSD	IAVEWESNGQ	PENNYKTPPP	400
VLDSDGSFFL	YSKLTVDKSR	WQQGNVFS	VMHEALHNHY	TQKSLSLSPG	450
K					451

Light chain

DIQMTQSPAS	LSVSVGETVS	ITCRASENIY	SSLAWYQQKQ	GKSPQLLVYS	50'
ATILADGVPS	RFSGSGSGTQ	YSLKINSLQS	EDFGTYCQH	FWGTPYTFGG	100'
GTKLEIKRTV	AAPSVFIFPP	SDEQLKSGTA	SVVCLLNNFY	PREAKVQWKV	150'
DNALQSGNSQ	ESVTEQDSKD	STYLSSTLT	LSKADYEKHK	VYACEVTHQG	200'
LSSPVTKSFN	RGEC				214'

Disulfide bridges

22-98	22"-98"	23'-88'	23""-88""	134'-194'	134""-194""	148-204	148"-204"
214'-224	214""-224""	230-230"	233-233"	265-325	265""-325""	371-429	371"-429"

Glycosylation sites (N)

Asn-301 Asn-301"

MOLECULAR FORMULA C₆₄₇₆H₉₉₉₈N₁₇₃₈O₂₀₃₂S₄₈ (peptide)

MOLECULAR WEIGHT 146.3 kDa (peptide)

TRADEMARK	ZMapp
SPONSOR	Mapp Biopharmaceutical Inc.
CODE DESIGNATIONS	c2G4
<u>CAS</u> REGISTRY NUMBER	1792982-55-8
UNII	07EY0HWO2M
WHO NUMBER	10536

gbk