

November 24, 2015

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (CD-88)	SUPTAVUMAB
PRONUNCIATION	sup tav' ue mab
THERAPEUTIC CLAIM	Prevention of medically attended lower respiratory tract disease due to respiratory syncytial virus.

CHEMICAL NAMES

1. Immunoglobulin G1, anti-(respiratory syncytial virus fusion protein) (human monoclonal REGN2222 heavy chain), disulfide with human monoclonal REGN2222 κ -chain, dimer

STRUCTURAL FORMULA

Heavy chain

EVQLVESGGD	LVQPGRSLRL	SCVASGFTFD	DYAMHWVRQA	PGKLEWVSG	50
VSWGSTVGY	ADSVKGRFTV	SRDNAQKSLY	LQMNSLRAED	TALYYCVKDA	100
YKFNYYYYGL	DVWGQTTVT	VSSASTKGPS	VFPLAPSSKS	TSGGTAALGC	150
LVKDYFPEPV	TVSWNSGALT	SGVHTFPAVL	QSSGLYSLSS	VVTVPSSSLG	200
TQTYICNVNH	KPSNTKVDKK	VEPKSCDKTH	TCPPCPAPEL	LGGPSVFLFP	250
PKPKDTLMIS	RTPEVTCVVV	DVSHEDPEVK	FNWYVDGVEV	HNAKTKPREE	300
QYNSTYRVVS	VLTVLHQDWL	NGKEYKCKVS	NKALPAPIEK	TISKAKGQPR	350
EPQVYTLPPS	RDELTKNQVS	LTCLVKGFYP	SDIAVEWESN	GQPENNYKTT	400
PPVLDSDGSF	FLYSKLTVDK	SRWQQGNVFS	CSVMHEALHN	HYTQKSLSL	450
PGK					452

Light chain

EIVMTQSPAT	LSVSPGERAT	LSCRASQTIL	SNLAWYLQKP	GQAPRLLIYG	50'
ASTRATGLPA	RFSGSGSGTE	FRTLTISLQSQ	EDFAVYYCQQ	YNNWPLTFGG	100'
GTKVEIKRTV	AAPSVFIFPP	SDEQLKSGTA	SVVCLLNNFY	PREAKVQWKV	150'
DNALQSGNSQ	ESVTEQDSKD	STYLSLSTLT	LSKADYEKHK	VYACEVTHQG	200'
LSSPVTKSFN	RGEC				214'

Disulfide bridges

22-96	22''-96''	23'-88'	23'''-88'''	134'-194'	134'''-194'''
150-206	150''-206''	226-214'	226''-214''	232-232''	235-235''
267-327	267''-327''	373-431	373''-431''		

MOLECULAR FORMULA $C_{6502}H_{10038}N_{1726}O_{2020}S_{42}$

MOLECULAR WEIGHT 146.1 kDa

TRADEMARK None as yet

SPONSOR Regeneron Pharmaceuticals Inc.

CODE DESIGNATIONS REGN2222, SAR438584

CAS REGISTRY NUMBER 1629615-23-1

UNII A0ZE931055

WHO NUMBER 10303

gbk