

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (HI-236) CASIRIVIMAB
 PRONUNCIATION kas" i riv' i mab
 THERAPEUTIC CLAIM Treatment and prophylaxis of SARS-CoV-2 infection (COVID-19)

CHEMICAL NAME

1. Immunoglobulin G1, anti-(severe acute respiratory syndrome coronavirus 2 spike glycoprotein) (human monoclonal REGN10933 γ 1-chain), disulfide with human monoclonal REGN10933 κ -chain, dimer (CAS)

STRUCTURAL FORMULA

Heavy chain

QVQLVESGGG	LVKPGGSLRL	SCAASGFTFS	DYYMSWIRQA	PGKGLEWVSY	50
ITYSGSTIYY	ADSVKGRFTI	SRDNAKSSLY	LQMNSLRAED	TAVYYCARDR	100
GTTMVPFDYW	GQGTLVTVSS	ASTKGPSVFP	LAPSSKSTSG	GTAALGCLVK	150
DYFPEPVTVS	WNSGALTSKV	HTFPAVLQSS	GLYSLSSVVT	VPSSSLGTQT	200
YICNVNHKPS	NTKVDKKEP	KSCDKTHTCP	PCPAPELLGG	PSVFLFPPKP	250
KDTLMISRTP	EVTCCVVDVS	HEDPEVKFNW	YVDGVEVHNA	KTKPREEQYN	300
STYRVVSVLT	VLHQDWLNGK	EYKCKVSNKA	LPAPIEKTI	KAKGQPREPQ	350
VYTLPPSRDE	LTKNQVSLTC	LVKGFYPSDI	AVEWESNGQP	ENNYKTTPEV	400
LDSGDGFFLY	SKLTVDKSRW	QQGNVFSCSV	MHEALHNHYT	QKSLSLSPGK	450

Light chain

DIQMTQSPSS	LSASVGDRVT	ITCQASQDIT	NYLNWYQQK	GKAPKLLIYA	50'
ASNLETGVPS	RFSGSGSGTD	FTFTISGLQP	EDIATYYCQQ	YDNLPLTFGG	100'
GTKVEIKRTV	AAPSVFIFPP	SDEQLKSGTA	SVVCLLNNFY	PREAKVQWKV	150'
DNALQSGNSQ	ESVTEQDSKD	STYLSSTLT	LSKADYEKHK	VYACEVTHQG	200'
LSSPVTKSFN	RGEC				214'

Disulfide bridges

22-96	22''-96''	23'-88'	23'''-88'''	134'-194'	134'''-194'''	147-203	147''-203''
223-214'	223''-214'''	229-229''	232-232''	264-324	264''-324''	370-428	370''-428''

Glycosylation sites (N)

300 300'

MOLECULAR FORMULA C₆₄₅₄H₉₉₇₆N₁₇₀₄O₂₀₂₄S₄₄
 MOLECULAR WEIGHT 145.23 kDa
 TRADEMARK None as yet
 SPONSOR Regeneron Pharmaceuticals, Inc.
 CODE DESIGNATIONS REGN10933

CAS REGISTRY NUMBER 2415933-42-3

UNII J0FI6WE1QN

WHO NUMBER 11861

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