

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (FG-102) ODESIVIMAB
 PRONUNCIATION oh" de siv' i mab
 THERAPEUTIC CLAIM Treatment of Ebola virus disease

CHEMICAL NAMES

1. Immunoglobulin G1, anti-(Zaire ebolavirus glycoprotein) (human monoclonal REGN3471 γ 1-chain), disulfide with human monoclonal REGN3471 κ -chain, dimer
2. Immunoglobulin G1-kappa, anti-(Zaire ebolavirus glycoprotein); human monoclonal antibody; γ 1 heavy chain (1-448) [human VH (*Homo sapiens*IGHV3-13*01-(IGHD)-IGHJ4*01) [8.7.12] (1-118) -*Homo sapiens*IGHG1*01 (119-448)] (221-220')-disulfide with κ light chain (1'-220') [human V-KAPPA (*Homo sapiens*IGKV4-1*01 (97%) -IGKJ4*01)[12.3.9] (1'-113') -*Homo sapiens*IGKC*01 (114'-220')], dimer (227-227':230-230')-bisdisulfide

STRUCTURAL FORMULA

Heavy chain

EVQLVESGGG	LVQPGGSLRL	SCAASGFTFS	SYDMHWVRQA	TGKGLEWVSA	50
IGTAGDITYP	GSVKGRFTIS	RENAKNSLYL	QMNSLRAGDT	AVYYCARTWF	100
GELYFDYWQ	GTLVTVSSAS	TKGPSVFPLA	PSSKSTSGGT	AALGCLVKDY	150
FPEPVTVSWN	SGALTSQVHT	FPAVLQSSGL	YSLSSVTVTP	SSSLGTQTYI	200
CNVNHKPSNT	KVDKKVEPKS	CDKTHTCPPC	PAPELLGGPS	VFLFPPKPKD	250
TLMISRTEPEV	TCVVVDVSHE	DPEVKFNWYV	DGVEVHNAKT	KPREEQYNST	300
YRVVSVLTVL	HQDWLNGKEY	KCKVSNKALP	APIEKTISKA	KGQPREPQVY	350
TLPPSRDELDT	KNQVSLTCLV	KGFYPSDIAV	EWESNGQPEN	NYKTTTPVLD	400
SDGSFFLYSK	LTVDKSRWQQ	GNVFSQSVMH	EALHNHYTQK	SLSLSPGK	448

Light chain

DIVMTQSPDS	LAVSLGERAT	INCKSSQSVL	YSSNNKNYLA	WYQQKPGQPP	50'
KLLIYWASTR	ESGVPDRFSG	SGSGTEFTLT	ITSLQAEDVA	VYYCQQYYSS	100'
PLTFGGGTKV	EIKRTVAAPS	VFIFPPSDEQ	LKSGTASVVC	LLNNFYPREA	150'
KVQWKVDNAL	QSGNSQESVT	EQDSKDSTYS	LSSTLTLSKA	DYEKHKVYAC	200'
EVTHQGLSSP	VTKSFNRGEC				220'

Disulfide bridges location

22"-95	22"-95"	23"-94'	23"-94"	140'-200'	140"-200"	145-201	145"-201"
220'-221	220"-221"	227-227"	230-230"	262-322	262"-322"	368-426	368"-426"

Glycosylation sites (N)

Asn-298 Asn-298"

MOLECULAR FORMULA C₆₅₀₆H₁₀₀₂₄N₁₇₂₀O₂₀₃₀S₄₂ (peptide only)

MOLECULAR WEIGHT 146.16 kDa (peptide only)

TRADEMARK None as yet

SPONSOR	Regeneron Pharmaceuticals Inc.
CODE DESIGNATIONS	REGN3471
<u>CAS</u> REGISTRY NUMBER	2135632-30-1
UNII	UY9LQ8P6HW
WHO NUMBER	11033

gbk