

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (JK-185) VILAMAKITUG  
 PRONUNCIATION vye" la mak' i tug  
 THERAPEUTIC CLAIM Treatment of inflammatory diseases  
 CHEMICAL NAME

Immunoglobulin G4, anti-(human interleukin 1α) (human monoclonal XB2001 γ4-chain), disulfide with human monoclonal XB2001 κ-chain, dimer (Source: CAS)

STRUCTURAL FORMULA

Heavy chain X, X''  
 QVQLVQSGAE VKKPGSSVKV SCKASGGRFT NYAILWVRQA PGQGLQWLGG 50  
 IIPFDETDH AQDFQDRLTI TVDESMTTY MELSSLRPED TAIYYCATGS 100  
 NSYYGLYWGQ GTLVTVSSAS TKGPSVFPLA PCSRSTSEST AALGCLVKDY 150  
 FPEPVTVSWN SGALTSQVHT FPAVLQSSGL YLSSVVTVP SSSLGKTYT 200  
 CNVDHKPSNT KVDKRVESKY GPPCPSCPAP EFLGGPSVFL FPPKPKDTLM 250  
 ISRTPEVTCV VVDVSEQEDPE VQFNWYVDGV EVHNAKTKPR EEQFNSTYRV 300  
 VSVLTVLHQD WLNGKEYKCK VSNKGLPSSI EKTISKAKGQ PREPQVYTLF 350  
 PSQEEMTKNQ VSLTCLVKGF YPSDIAVEWE SNGQPENNYK TTPPVLDSDG 400  
 SFFLYSRLTV DKSRWQEGNV FSCSVMEAL HNHYTQKSLS LSLGK 445

Light chain X', X'''  
 DIVMTQSPDS LAVSLGERAT INCKSSQSVL YSSNNKNYLA WYQQKPGQPP 50'  
 KLLIYWASTR ESGVPDRFSG SSGTDFTLT ISSLQAEDVA VYYCQYYST 100'  
 PSTFGQGTKV EIKRTVAAPS VFIFPPSDEQ LKSGTASVVC LLNMFYPREA 150'  
 KVQWKVDNAL QSGNSQESVT EQDSKSTYS LSSTLTLSKA DYEKHKVYAC 200'  
 EVTHQGLSSP VTKSFNRGEC 220'

Disulfide bridges  
 22-96 22''-96'' 23'-94' 23'''-94''' 140'-200' 140'''-200''' 145-201 145''-201''  
 132-220' 132''-220''' 224-224'' 227-227'' 259-319 259''-319'' 365-423 365''-423''

Glycosylation sites (N)  
 295 295''

MOLECULAR FORMULA C<sub>6464</sub>H<sub>9970</sub>N<sub>1702</sub>O<sub>2050</sub>S<sub>44</sub>  
 MOLECULAR WEIGHT 148.7 kDa  
 TRADEMARK None as yet  
 SPONSOR XBiotech USA, Inc.  
 CODE DESIGNATIONS XB2001  
 CAS REGISTRY NUMBER 2458202-06-5  
 UNII 3562YZ5W3H  
 WHO NUMBER 12135

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