

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (HI-165) LITIFILIMAB
 PRONUNCIATION lit' i fil' i mab
 THERAPEUTIC CLAIM Treatment of lupus

CHEMICAL NAMES

Immunoglobulin G1, anti-(human blood dendritic cell antigen 2) (human-*Mus musculus* monoclonal BIIB059 γ 1-chain), disulfide with human-*Mus musculus* monoclonal BIIB059 κ -chain, dimer (Source: CAS)

STRUCTURAL FORMULA

Heavy chain

DVQLVESGGG	LVKPGGSLRL	SCAASGFTFS	TYTMSWVRQA	PGKGLEWVAT	50
ISPGDSFGYY	YPDSVQGRFT	ISRDNAKNSL	YMQMNSLRAE	DTAVYYCTRD	100
IYYNYGAWFA	YWGQGLVTV	SSASTKGPSV	FPLAPSSKST	SGGTAALGCL	150
VKDYFPEPVT	VSWNSGALTS	GVHTFPAVLQ	SSGLYSLSV	VTVPSSSLGT	200
QTYICNVNHK	PSNTKVDKVV	EPKSCDKTHT	CPPCPAPELL	GGPSVFLFPP	250
KPKDTLMISR	TPEVTCVVVD	VSHEDPEVKF	NWYVDGVEVH	NAKTKPREEQ	300
YNSTYRVVSV	LTVLHQDWLN	GKEYKCKVSN	KALPAPIEKT	ISKAKGQPRE	350
PQVYTLPPSR	DELTKNQVSL	TCLVKGFYPS	DIAVEWESNG	QPENNYKTP	400
PVLDSDSGFF	LYSKLTVDKS	RWQQGNVFC	SVMHEALHNS	YTKSLSLSP	450
G					447

Light chain

DIQLTQSPSS	LSASVGDRVT	ITCKASQSV	YDGSYMNWY	QQKPGKAPKL	50'
LIYAASTLES	GVPSRFGSG	SGTDFLTIS	SLQPEDFATY	YCQQANEDPR	100'
TFGQGTKEI	KRTVAAPSVF	IFPPSDEQLK	SGTASVCLL	NNFYPREAKV	150'
QWKVDNALQS	GNSQESVTEQ	DSKSTYSLS	STLTLSKADY	EKHKRYACEV	200'
THQGLSPVT	KSFNRGEC				218'

Disulfide bridges

22'-97'	22''-97''	23'-92'	23'''-92'''	138'-198'	138'''-198'''	149-205	149''-205''
225-218'	225''-218''	231-231''	234-234''	266-326	266'''-326'''	372-430	372''-430''

Glycosylation sites (N)

302	302''
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MOLECULAR FORMULA C₆₅₀₄H₁₀₀₂₀N₁₇₁₄O₂₀₄₇S₄₂ (EXPASY)
 MOLECULAR WEIGHT 146.3 kDa
 TRADEMARK None as yet
 SPONSOR Biogen
 CODE DESIGNATIONS 24F4A, BIIB059, anti-BDCA2
 CAS REGISTRY NUMBER 2407378-48-5
 UNII V27E9V3K7G
 WHO NUMBER 11943

gbk