

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (EF-115) DONANEMAB

PRONUNCIATION doe nan' e mab

THERAPEUTIC CLAIM Treatment of Alzheimer's disease

CHEMICAL NAME

Immunoglobulin G1, anti-(human pyroglutamyI Aβ (3-x) peptide)(human clone LY3002813 γ1-chain), disulfide with human clone LY3002813 κ-chain, dimer

STRUCTURAL FORMULA

Heavy chain

QVQLVQSGAE	VKKPGSSVKV	SCKASGYDFT	RYYINWVRQA	PGQGLEWMGW	50
INPGSGNTKY	NEKFKGRVTI	TADESTSTAY	MELSSLRSED	TAVYYCAREG	100
ITVYWGQGT	VTVSSASTKG	PSVFPLAPSS	KSTSGGTAAL	GCLVKDYFPE	150
PVTVSWNSGA	LTSGVHTFPA	VLQSSGLYSL	SSVVTVPSSS	LGTQTYICNV	200
NHKPSNTKVD	KKVEPKSCDK	THTCPPCPAP	ELLGGPSVFL	FPPKPKDTLM	250
ISRTPEVTCV	VVDVSHEDPE	VKFNWYVDGV	EVHNAKTKPR	EEQYNSTYRV	300
VSVLTIVLHQD	WLNKYEYKCK	VSNKALPAPI	EKTIISKAKGQ	PREPQVYTLF	350
PSRDELTKNQ	VSLTCLVKGF	YPSDIAVEWE	SNGQPENNYK	TTPPVLDSDG	400
SFFFLYSKLTV	DKSRWQQGNV	FSCSVMHEAL	HNHYTQKSL	LSPG	444

Light chain

DIVMTQTPLS	LSVTPGQPAS	ISCKSSQSL	YSRGKTYLNW	LLQKPGQSPQ	50'
LLLYAVSKLD	SGVPDFRFGS	GSGTDFTLKI	SRVEAEDVGV	YYCVQGTHTP	100'
FTFGQGTKLE	IKRTVAAPSV	FIFPPSDEQL	KSGTASVCL	LNNFYPREAK	150'
VQWKVDNALQ	SGNSQESVTE	QDSKDYSL	SSTLTLSKAD	YEKHKVYACE	200'
VTHQGLSSPV	TKSFNRGEC				219'

Disulfide bridges

22-96	22''-96''	23'-93'	23'''-93'''	139'-199'	139'''-199'''	142-198	142''-198''
218-219'	218''-219''	224-224''	227-227''	259-319	259''-319''	365-423	365''-423''

Glycosylation sites (N)

Asn295 Asn295''

MOLECULAR FORMULA C₆₄₅₂H₁₀₀₃₈N₁₇₀₈O₂₀₁₃S₄₂

MOLECULAR WEIGHT 145.1 kDa

TRADEMARK None as yet

SPONSOR Eli Lilly and Company

CODE DESIGNATIONS LY3002813

CAS REGISTRY NUMBER 1931944-80-7

UNII 1ADB65P1KK

WHO NUMBER 10922

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