

# STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (EF-82) ETOKIMAB

PRONUNCIATION e tok' i mab

THERAPEUTIC CLAIM Treatment of patients with peanut allergy, dermatitis, and asthma

## CHEMICAL NAMES

1. Immunoglobulin G1, anti-(human interleukin 33) (humanized clone ANB020  $\gamma$ 1-chain), disulfide with humanized clone ANB020  $\kappa$ -chain, dimer
2. Immunoglobulin G1-kappa, anti-(*Homo sapiens* Interleukin-33 (Interleukin-1 family member 11)); humanized monoclonal antibody;  $\gamma$ 1 heavy chain (1-452) [*Homo sapiens* VH (IGHV1-46\*01 (88%) –(IGHD)-IGHJ1\*01) [8.8.15] (1-122) -*Homo sapiens* IGHG1\*01 (123-452)] (225-214')-disulfide with kappa light chain (1'-214') [*Homo sapiens* V-KAPPA (IGKV1-9\*01 (85%) –IGKJ2\*02 (91%)) [6.3.9] (1'-107') -*Homo sapiens* IGKC\*01 (108'-214')], dimer (231-231":234-234")-bisdisulfide

## STRUCTURAL FORMULA

### Heavy chain

QVQLMQSGAE	VKKPGASVKV	SCKASGYTFT	SYWMHWVRQA	PGQGLEWMGT	50
IYPRNSNTDY	NQKFKARVTM	TRDTSTSTVY	MELSSLRSED	TAVYYCARPL	100
YYYLTSPPPTL	FWGQGTLVTV	SSASTKGPSV	FPLAPSSKST	SGGTAALGCL	150
VKDYFPEPVT	VSWNSGALTS	GVHTFPAVLQ	SSGLYSLSSV	VTVPSSSLGT	200
QTYICNVNHNK	PSNTKVDKVV	EPKSCDKTHT	CPPCPAPELL	GGPSVFLFPP	250
KPKDTLMISR	TPEVTCVVVD	VSHEDPEVKF	NWYVDGVEVH	NAKTKPREEQ	300
YNSTYRVVSV	LTVLHQDWLN	GKEYKCKVSN	KALPAIEKT	ISKAKGQPRE	350
PQVYTLPPSR	DELTKNQVSL	TCLVKGFPYPS	DIAVEWESNG	QPENNYKTP	400
PVLDSDSGSFF	LYSKLTVDKS	RWQQGNVFSC	SVMHEALHNNH	YTQKSLSLSP	450
GK					452

### Light chain

DIQLTQSPSF	LSASVGDRVV	ITCKASQDVG	TAVAWYQQKP	GKAPKLLIYW	50'
ASTRHTGVPS	RFGSGSGSTE	FSLTISLQSP	EDFATYYCQQ	AKTYPFYFGS	100'
GTKLEIKRTV	AAPSVFIFPP	SDEQLKSGTA	SVVCLLNNFY	PREAKVQWKV	150'
DNALQSGNSQ	ESVTEQDSKD	STYSLSTLT	LSKADYEKHK	VYACEVTHQG	200'
LSSPVTKSFN	RGEC				214'

### Disulfide bridges

22-96	22"-96"	23'-88'	23"-88"	134'-194'	134"-194"	149-205	149"-205"
214'-225	214"-225"	231-231"	234-234"	266-326	266"-326"	372-430	372"-430"

### Glycosylation sites (N)

Asn-302 Asn-302"

MOLECULAR FORMULA  $C_{6534}H_{10088}N_{1724}O_{2018}S_{46}$  (non-glycosylated)

MOLECULAR WEIGHT 146.6 kDa (non-glycosylated)

TRADEMARK None as yet

SPONSOR AnaptysBio, Inc.

CODE DESIGNATIONS	ANB020
<u>CAS</u> REGISTRY NUMBER	2022981-44-6
UNII	7UWT6B0L2U
WHO NUMBER	10910

gbk