

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (FG-53)

IMSIDOLIMAB

PRONUNCIATION

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THERAPEUTIC CLAIM

The treatment of patients with generalized pustular psoriasis (GPP) and palmo-plantar pustular psoriasis (PPP)'

CHEMICAL NAMES

1. Immunoglobulin G4 [228-proline], anti-(human interleukin 36 receptor) (human-*Mus musculus* monoclonal ANB019  $\gamma$ 4-chain), disulfide with human-*Mus musculus* monoclonal ANB019  $\kappa$ -chain, dimer
2. Immunoglobulin G4-kappa, anti-(*Homo sapiens* Interleukin 36 receptor); humanized *Mus musculus* monoclonal antibody;  $\gamma$ 4 heavy chain (1-447) [humanized *Mus musculus* VH (*Homo sapiens* IGHV1-46\*01 (85%) –(IGHD)-IGHJ4\*01 (93%)) [8.8.13] (1-120) -*Homo sapiens* IGHG4\*01 {hinge[S<sup>10</sup>>P(228)]} (121-447)] (134-219')-disulfide with  $\kappa$  light chain (1'-219') [humanized *Mus musculus* V-KAPPA (*Homo sapiens* IGKV2D-29\*01 (84%) –IGKJ4\*01)[11.3.9] (1'-112') -*Homo sapiens* IGKC\*01 (113'-219')], dimer (226-226":229-229")-bisdisulfide

STRUCTURAL FORMULA

Heavy chain					
QVQLVQSGAE	VKPKGASVKV	SCKASGYTFT	NYWMNWVRQA	PRQGLEWMGM	50
FHPTGDEVTRL	NQKFKDRVMT	TRDTSTSTVY	MELSSLRSED	TAVYYCARTT	100
SMIIGGFAYW	GQGTLVTVSS	ASTKGPSVFP	LAPCSRSTSE	STAALGCLVK	150
DYFPEPVTVS	WNSGALTSGV	HTFPAVLQSS	GLYSLSSVVT	VPSSSLGTKT	200
YTCNVDHKPS	NTKVDKRVES	KYGPPCPPCP	APEFLGGPSV	FLFPPKPKDT	250
LMISRTPEVT	CVVVDVSQED	PEVQFNWYVD	GVEVHNAKTK	PREEQFNSTY	300
RVVSVLTVLH	QDWLNGKEYK	CKVSNKGLPS	SIEKTISKAK	GQPREPQVYT	350
LPPSQEEMTK	NQVSLTCLVK	GFYPSDIAVE	WESNGQPENN	YKTPPPVLDS	400
DGSFFLYSRL	TVDKSRWQEG	NVFSCSVMHE	ALHNHYTQKS	LSLSLGK	447

Light chain					
DIVMTQTPLS	LSVTPGQPAS	ISCRSSKSL	HRNAITYFYW	YLHKPGQPPQ	50'
LLIYQMSNLA	SGVPRFRSGS	GSSTDFTLKI	SRVEAEDVGV	YYCAQNLELP	100'
LTFGGGTKVE	IKRTVAAPSV	FIFPPSDEQL	KSGTASVCL	LNNFYPREAK	150'
VQWKVDNALQ	SGNSQESVTE	QDSKDYSTYSL	SSTLTLSKAD	YEKHKVYACE	200'
VTHQGLSSPV	TKSFNRGEC				219'

Disulfide bridges location							
22-96	22"-96"	23'-93'	23""-93""	134-219'	134"-219""	139'-199'	139""-199""
147-203	147"-203"	226-226"	229-229""	261-321	264"-324""	367-425	367""-425""

Glycosylation sites (N)  
Asn-297 Asn-297"

MOLECULAR FORMULA

C<sub>6516</sub>H<sub>10100</sub>N<sub>1732</sub>O<sub>2018</sub>S<sub>54</sub>

MOLECULAR WEIGHT

146.7 kDa (for the protein)

TRADEMARK

SPONSOR	AnaptysBio, Inc.
CODE DESIGNATIONS	ANB019
<u>CAS</u> REGISTRY NUMBER	2102543-86-0
UNII	KX89J0DFZ8
WHO NUMBER	11340

gbk