

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (KL-05) ORDESEKIMAB  
 PRONUNCIATION or" des e ki' mab  
 THERAPEUTIC CLAIM Treatment of celiac disease and other autoimmune diseases

CHEMICAL NAMES

1. Immunoglobulin G1, anti-(human interleukin 15) (human monoclonal AMG 714  $\gamma$ 1-chain), disulfide with human monoclonal AMG 714  $\kappa$ -chain, dimer (Source: CAS)
2. Immunoglobulin G1-kappa, anti-[*Homo sapiens* IL15 (interleukin 15, IL-15)], *Homo sapiens* monoclonal antibody; gamma1 heavy chain *Homo sapiens* (1-448) [VH (*Homo sapiens* IGHV5-51\*01 (95.9%) -(IGHD) -IGHJ4\*01 (100%)) CDR-IMGT [8.8.11] (26-33.51-58.97-107) (1-118) -*Homo sapiens* IGHG1\*08p (100%), G1m3,1 (CH1 R120 (215) (119-216), hinge 1-15 (217-231), CH2 (232-341), CH3 D12 (357), E14 (359) (342-446), CHS (447-448)) (119-448)], (221-214')-disulfide with kappa light chain *Homo sapiens* (1'-214') [V-KAPPA (*Homo sapiens* IGKV3-20\*01 (97.9%) -IGKJ2\*01 (100%)) CDR-IMGT [7.3.8] (27-33.51-53.90-97) (1'-107') -*Homo sapiens* IGKC\*01 (100%) Km3 A45.1 (153), V101 (191) (108'-214')]; dimer (227-227":230-230")-bisdisulfide, produced in Chinese hamster ovary (CHO) cells, glycoform alfa (Source: WHO PINN list 124)

STRUCTURAL FORMULA

Heavy chain							
EVQLVQSGAE	VKKPGESLKI	SCKVSGYFFT	TYWIGWVRQM	PGKGLEVMGI	50		
IYPGDSDFRY	SPSFQGVVTI	SADKSISTAY	LQWSSLKASD	TAMYVCARGG	100		
NWNCFDYWGQ	GTLVTSSAS	TKGPSVFPLA	PSSKSTSGGT	AALGCLVKDY	150		
FPEPVTVSWN	SGALTSQVHT	FPAVLQSSGL	YLSLSSVTVTP	SSSLGTQTYI	200		
CNVNHKPSNT	KVDKRVPEKS	CDKTHTCPPC	PAPELLGGPS	VFLFPPKPKD	250		
TLMISRTPEV	TCVVVDVSHE	DPEVKFNWYV	DGVEVHNAKT	KPREEQYNST	300		
YRVVSVLTVL	HQDWLNGKEY	KCKVSNKALP	APIEKTISKA	KGQPREPQVY	350		
TLPPSRDELDT	KNQVSLTCLV	KGFYPSDIAV	EWESNGQPEN	NYKTTTPVLD	400		
SDGSFFLYSK	LTVDKSRWQQ	GNVFSCSVMH	EALHNYHTQK	SLSLSPGK	448		
Light chain							
EIVLTQSPGT	LSLSPGERAT	LSCRASQSVS	SSYLAWYQQK	PGQAPRLLIY	50'		
GASRRATGIP	DRFSGSGSGT	DFTLTISRLE	PEDFAVYYCQ	RYGSSHTFGQ	100'		
GTKLEISRIV	AAPSVFIFPP	SDEQLKSGTA	SVVCLLNNFY	PREAKVQWKV	150'		
DNALQSGNSQ	ESVTEQDSKD	STYSLSTLT	LSKADYEKHK	VYACEVTHQG	200'		
LSSPVTKSFN	RGEC				214'		
Disulfide bridges							
22-96	22''-96''	23'-89'	23'''-89'''	134'-194'	134'''-194'''	145-201	145''-201''
221-214'	221''-214''	227-227''	230-230''	262-322	262''-322''	368-426	368''-426''
Glycosylation sites (N)							
298	298''						

MOLECULAR FORMULA  $C_{6454}H_{9956}N_{1716}O_{2008}S_{44}$

MOLECULAR WEIGHT 144.87 kDa

TRADEMARK	None as yet
SPONSOR	Amgen Inc.
CODE DESIGNATIONS	AMG 714, HuMax-IL-15, MAb146B7, PRV-015
<u>CAS</u> REGISTRY NUMBER	2394931-19-0
UNII	EJ48MR05C3
WHO NUMBER	11557

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