

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (GH-34) BELANTAMAB
 PRONUNCIATION bel an' ta mab
 THERAPEUTIC CLAIM Treatment of multiple myeloma

CHEMICAL NAMES

1. Immunoglobulin G1, anti-(Tumor necrosis factor receptor superfamily protein TNFRSF17) (humanized monoclonal GSK2857914 γ 1-chain), disulfide with humanized monoclonal GSK2857914 κ -chain, dimer
2. Immunoglobulin G1-kappa, anti-(*Homo sapiens* Tumor necrosis factor receptor superfamily member 17 (B-cell maturation protein, antigen CD269)); humanized monoclonal antibody; γ 1 heavy chain (1-451) [humanized VH (*Homo sapiens* IGHV1-69*06 (84%) –(IGHD)-IGHJ4*01 (86%)) [8.8.14] (1-121) -*Homo sapiens* IGHG1*01 (122-451)] (224-214')-disulfide with κ light chain (1'-214') [humanized V-KAPPA (*Homo sapiens* IGKV1-33*01 (91%) – IGKJ2*02 [6.3.9] (1'-107') -*Homo sapiens* IGKC*01 (108'-214')), dimer (230-230":233-233")-bisdisulfide

STRUCTURAL FORMULA

Heavy chain

QVQLVQSGAE	VKKPGSSVKV	SCKASGGTFS	NYWMHWVRQA	PGQGLEWMGA	50
TYRGHSDTY	NQKFKGRVTI	TADKSTSTAY	MELSSLRSED	TAVYYCARGA	100
IYDGYDVLN	WGQGTLVTVS	SASTKGPSVF	PLAPSSKSTS	GGTAALGCLV	150
KDYFPEPVT	SWNSGALTSG	VHTFPAVLQS	SGLYSLSSV	TVPSSSLGTQ	200
TYICNVNHKP	SNTKVDKKE	PKSCDKTHTC	PPCPAPELLG	GPSVFLFPPK	250
PKDTLMI	PEVTCVVDV	SHEDPEVKFN	WYVDGVEVHN	AKTKPREEQY	300
NSTYRVVSVL	TVLHQDWLNG	KEYCKVSNK	ALPAPIEKTI	SKAKGQPREP	350
QVYTLPPSRD	ELTKNQVSLT	CLVKGFYPSD	IAVEWESNGQ	PENNYKTTTP	400
VLDSGGSFFL	YSKLTVDKSR	WQQGNVFS	VMHEALHNHY	TQKSLSLSPG	450
K					451

Light chain

DIQMTQSPSS	LSASVGDRVT	ITCSASQDIS	NYLNWYQQK	GKAPKLLIYY	50'
TSNLSHSGVPS	RFSGSGSGTD	FTLTISLQ	EDFATYQCQ	YRKLPTWTFGQ	100'
GTKLEIKRTV	AAPSVFIFPP	SDEQLKSGTA	SVVCLLNNFY	PREAKVQWKV	150'
DNALQSGNSQ	ESVTEQDSKD	STYLSSTLT	LSKADYKHK	VYACEVTHQG	200'
LSSPVTKSFN	RGEC				214'

Disulfide bridges location

22-96	22"-96"	23'-88'	23'''-88'''	134'-194'	134'''-194'''	148-204	148"-204"
214'-224	214'''-224'''	230-230"	233-233"	265-325	265'''-325'''	371-429	371"-429"

Glycosylation sites (N)

Asn-301 Asn-301"

100% afucosylated complex bi-antennary CHO type glycans

MOLECULAR FORMULA $C_{6484}H_{10008}N_{1728}O_{2030}S_{44}$

MOLECULAR WEIGHT 146.1 kDa (non-glycosylated)

TRADEMARK	None as yet
SPONSOR	GlaxoSmithKline
CODE DESIGNATIONS	GSK2857914
<u>CAS</u> REGISTRY NUMBER	2061894-48-0
UNII	7M3UL8MR2Y
WHO NUMBER	10797

gbk