

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN USTEKINUMAB
 PRONUNCIATION us" te kin' ue mab
 THERAPEUTIC CLAIM Treatment of immunologically mediated inflammatory disorders

CHEMICAL NAMES

1. Immunoglobulin G1, anti-(human interleukin 12 p40 subunit) (human monoclonal CNTO 1275 γ 1-chain), disulfide with human monoclonal CNTO 1275 κ -chain, dimer
2. Immunoglobulin G1, anti-(human interleukin-12 subunit beta (IL-12B, CLMF p40, NKSF2)) (human monoclonal CNTO 1275 γ 1-chain), disulfide with human monoclonal CNTO 1275 κ -chain, dimer

STRUCTURAL FORMULA

Heavy γ 1-chain

EVQLVQSGAE	VKKPGESLKI	SCKGSGYSFT	TYWLGWVRQM	PGKGLDWIGI	50
MSPVDSDIRY	SPSFQQQVTM	SVDKSITTAY	LQWNSLKASD	TAMYVCARRR	100
PGQGYFDVFWG	QGTLVTVSSS	STKGPSVFPL	APSSKSTSGG	TAALGCLVKD	150
YFPEPVTVSW	NSGALTSGVH	TFPAVLQSSG	LYSLSSVVTV	PSSSLGTQTY	200
ICNVNHKPSN	TKVDKRVEPK	SCDKTHTCPP	CPAPELLGGP	SVFLFPPKPK	250
DTLMISRTPE	VTCVVDVSH	EDPEVKFNWY	VDGVEVHNAK	TKPREEQYNS	300
TYRVVSVLTV	LHQDWLNGKE	YKCKVSNKAL	PAPIEKTISK	AKGQPREPQV	350
YTLPPSRDEL	TKNQVSLTCL	VKGFYPSDIA	VEWESNGQPE	NNYKTTTPVL	400
DSDGSFFLYS	KLTVDKSRWQ	QGNVFSCSVM	HEALHNHYTQ	KSLSLSPGK	449

Light κ -chain

DIQMTQSPSS	LSASVGDRV	ITCRASQGIS	SWLAWYQQKP	EKAPKSLIYA	50'
ASSLQSGVPS	RFSGSGSGTD	FTLTISSLQP	EDFATYYCQQ	YNIYPYTFGQ	100'
GTKLEIKRTV	AAPSVFIFPP	SDEQLKSGTA	SVVCLLNNFY	PREAKVQWKV	150'
DNALQSGNSQ	ESVTEQDSKD	STYSLSSLT	LSKADYEKHK	VYACEVTHQG	200'
LSSPVTKSFN	RGEC				214'

Disulfide bridge locations

22-96	22"-96"	23'-88'	23'''-88'''	134'-194'	134'''-194'''	146-202	146"-202"
214'-222	214'''-222'''	228-228"	231-231'''	263-323	263"-323"	369-427	369"-427"

MOLECULAR FORMULA $C_{6482}H_{10004}N_{1712}O_{2016}S_{46}$
 MOLECULAR WEIGHT 145.65 kDa
 TRADEMARK None as yet
 MANUFACTURER Johnson & Johnson
 CODE DESIGNATION CNTO 1275
 CAS REGISTRY NUMBER 815610-63-0