

# STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (EF-54) RISANKIZUMAB

PRONUNCIATION ris" an kiz' ue mab

THERAPEUTIC CLAIM Treatment of inflammatory conditions modulated by IL-23

## CHEMICAL NAMES

1. Immunoglobulin G1, anti-(human interleukin 23 subunit p19) (human-*Mus musculus* heavy chain), disulfide with human-*Mus musculus* κ-chain, dimer
2. Immunoglobulin G1-kappa, anti-(human interleukin-23 subunit alpha (IL-23-A, interleukin-23 subunit p19, IL-23p19)); humanized monoclonal antibody; γ1 heavy chain (1-449) [humanized VH (*Homo sapiens* IGHV1-69\*08 (79%) – (IGHD)-IGHJ6\*01 (91%)) [8.8.13] (1-120) -*Homo sapiens* IGHG1\*03 {CH2 L<sup>4</sup>>A(237), L<sup>5</sup>>A(238), CH3 K<sup>107</sup>>-(450)} (121-449)], (223-214')-disulfide with kappa light chain (1'-214') [humanized V-KAPPA (*Homo sapiens* IGKV1-27\*01 (80%) –IGKJ2\*02 (91%)) [6.3.9] (1'-107') -*Homo sapiens* IGKC\*01 (108'-214')]; dimer (229-229":232-232")-bisdisulfide

## STRUCTURAL FORMULA

### Heavy chain

QVQLVQSGAE	VKKPGSSVKV	SCKASGYTFT	DQTIHWMRQA	PGQGLEWIGY	50
IYPRDDSPKY	NENFKGKVTI	TADKSTSTAY	MELSSLRSED	TAVYYCAIPD	100
RSGYAWFIYW	GQGLTIVTSS	ASTKGPSVFP	LAPSSKSTSG	GTAALGCLVK	150
DYFPEPVTVS	WNSGALTSKV	HTFPAVLQSS	GLYSLSSVVT	VPSSSLGTQT	200
YICNVNHNKPS	NTKVDKRVEP	KSCDKTHTCP	PCPAPEAAGG	PSVFLFPPKP	250
KDTLMISRTP	EVTQVVDVDS	HEDPEVKFNW	YVDGVEVHNA	KTKPREEQYN	300
STYRVVSVLT	VLHQDWLNGK	EYKCKVSNKA	LPAPIEKTIS	KAKGQPREPQ	350
VYTLPPSREE	MTKNQVSLTC	LVKGFYPSDI	AVEWESNGQP	ENNYKTTTPV	400
LDSGDGSFFLY	SKLTVDKSRW	QQGNVFSQSV	MHEALHNHYT	QKSLSLSPG	449

### Light chain

DIQMTQSPSS	LSASVGRVTV	ITCKASRDVA	IAVAWYQQKP	GKVPKLLIYW	50'
ASTRHTGVPS	RFSGSGSRTD	F <sup>1</sup> LTITSSLPQ	EDVADYFCHQ	YSSYPFTFGS	100'
GTKLEIKRTV	AAPSVFIFPP	SDEQLKSGTA	SVVCLLNNFY	PREAKVQWKV	150'
DNALQSGNSQ	ESVTEQDSKD	STYLSSTLT	LSKADYEKHK	VYACEVTHQG	200'
LSSPVTKSFN	RGEC				214'

### Disulfide bridges

22-96	22"-96"	23'-88'	23"-88"	134'-194'	134"-194"	147-203	147"-203"
214'-223	214"-223"	229-229"	232-232"	264-324	264"-324"	370-428	370"-428"

### Glycosylation sites (N)

Asn-300 Asn-300"

## MOLECULAR FORMULA

C<sub>6476</sub>H<sub>9992</sub>N<sub>1720</sub>O<sub>2016</sub>S<sub>44</sub> (non-glycosylated)

## MOLECULAR WEIGHT

145.6 kDa (non-glycosylated)

TRADEMARK	None as yet
SPONSOR	AbbVie, Inc.
CODE DESIGNATIONS	BI 655066, 655066-01, ABBV-066
<u>CAS</u> REGISTRY NUMBER	1612838-76-2
UNII	90ZX3Q3FR7
WHO NUMBER	10128

gbk