

# STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (HI-82) PONSEGROMAB  
PRONUNCIATION pon seg' roe mab  
THERAPEUTIC CLAIM Treatment of cachexia

## CHEMICAL NAMES

1. Immunoglobulin G1 [237-alanine,238-alanine,240-alanine], anti-(human growth differentiation factor 15) (human-Mus musculus monoclonal PF-06946860  $\gamma$ 1-chain), disulfide with human-Mus musculus monoclonal PF-06946860  $\kappa$ -chain, dimer
2. Immunoglobulin G1-kappa, anti-(*Homo sapiens* Growth/differentiation factor 15 (NSAID-activated gene 1 protein, Placental bone morphogenic protein)); human-*Mus musculus* monoclonal antibody;  $\gamma$ 1 heavy chain, human-*Mus musculus* (1-449) [VH (*Homo sapiens* IGHV1-69\*01 (94%) –(IGHD)-IGHJ1\*01) / *Mus musculus* IGHV1-4\*01 (70%) –(IGHD)-IGHJ4\*01) (87%)] [8.8.13] (1-120) - IGHG1\*03 {CH1[R<sup>97</sup>>K(227)], CH2[L<sup>4</sup>>A(237),L<sup>5</sup>>A(238),G<sup>7</sup>>A(240)], CH3[K<sup>107</sup>>del(450)]} (121-449)] (223-214')-disulfide with  $\kappa$  light chain, human-*Mus musculus* (1'-214') (*Homo sapiens* IGKV3-11\*02 (92%) –IGKJ1\*01 / *Mus musculus* IGKV18-36\*01 (77%) –IGKJ1\*01 (83%)] [6.3.9] (1'-107') -*Homo sapiens* IGKC\*01 (108'-214')], dimer (229-229":232-232")-bisdisulfide

## STRUCTURAL FORMULA

### Heavy chain (N & N')

QVQLVQSGAE	VKKPGSSVKV	SCKASGYTFS	SYNIDWVRQA	PGQGLEWMGG	50
INPIFGTAFY	NQKFKGRVTI	TADESTSTAY	MELSSLRSED	TAVYYCAREA	100
ITTVGAMDHW	GQGTLVTVSS	ASTKGPSVFP	LAPSSKSTSG	GTAALGCLVK	150
DYFPEPVTVS	WNSGALTSGV	HTFPAVLQSS	GLYSLSVVVT	VPSSSLGTQT	200
YICNVNHKPS	NTKVDKKEVP	KSCDKTHTCP	PCPAPEAAGA	PSVFLFPPKP	250
KDTLMISRTP	EVTCVVVDVS	HEDPEVKFNW	YVDGVEVHNA	KTKPREEQYN	300
STYRVVSVLT	VLHQDWLNGK	EYKCKVSNKA	LPAPIEKTIS	KAKGQPREPQ	350
VYTLPPSREE	MTKNQVSLTC	LVKGFYPSDI	AVEWESNGQP	ENNYKTTTPPV	400
LDSGDGSFFLY	SKLTVDKSRW	QQGNVFSCSV	MHEALHNHYT	QKSLSLSPG	449

### Light chain (N' & N'')

EIVLTQSPAT	LSLSPGERAT	LSCRTSQSVH	NYLAWYQQKP	GQAPRLLIYD	50'
ASTRADGIPA	RFSGSGSGTD	FTLTISSLEP	EDFAVYYCQQ	FWSWPWTFGQ	100'
GTKVEIKRTV	AAPSVFIFPP	SDEQLKSGTA	SVVCLLNNFY	PREAKVQWKV	150'
DNALQSGNSQ	ESVTEQDSKD	STYSLSSTLT	LSKADYEKHK	VYACEVTHQG	200'
LSSPVTKSFN	RGEC				214'

### Disulfide bridges location

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>6558</sub>H<sub>10110</sub>N<sub>1718</sub>O<sub>2094</sub>S<sub>44</sub> (glycosylated)

MOLECULAR WEIGHT	147.9 kDa
TRADEMARK	None as yet
SPONSOR	Pfizer Inc.
CODE DESIGNATIONS	PF-06946860
<u>CAS</u> REGISTRY NUMBER	2368950-15-4
UNII	GXA6PF0254
WHO NUMBER	11605

gbk