

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (KL-62) GALEGENIMAB  
 PRONUNCIATION gal" e jen' i mab  
 THERAPEUTIC CLAIM Treatment of Geographic Atrophy

CHEMICAL NAMES

1. Immunoglobulin IgG1 Fab fragment, anti-(human serine proteinase HtrA1) (human-Mus musculus monoclonal FHTR2163  $\gamma$ 1-chain), disulfide with human-Mus musculus monoclonal FHTR2163  $\kappa$ -chain (Source: CAS)
2. immunoglobulin Fab G1-kappa, anti-[*Homo sapiens* HTRA1 (HtrA serine peptidase 1, protease serine 11 (IGF binding), PRSS11, IGFBP5-protease, ARMD7)], humanized monoclonal antibody; VH-(CH1-hinge) gamma1 heavy chain humanized (1-223) [VH (*Homo sapiens* IGHV1-46\*01 (77.6%) -(IGHD) - IGHJ4\*01 (92.9%), CDR-IMGT [8.8.12] (26-33.51-58.97-108)) (1-119) -CH1-hinge (*Homo sapiens* IGHG1\*01 (100%), G1m17 (CH1 K120 (216) (120-217), hinge 1-7 (218-223)) (120-223)], (222-213')-disulfide with kappa light chain humanized (1'-213') [V-KAPPA (*Homo sapiens* IGKV1-39\*01 (84.2%) - IGKJ1\*01 (100%), CDR-IMGT [5.3.9] (27-31.49-51.88-96)) (1'-106') -*Homo sapiens* IGKC\*01 (100%), Km3 A45.1 (152), V101 (190) (107'-213')], produced in the bacteria *Escherichia coli* (*E. coli*), non-glycosylated (Source : WHO PINN list

STRUCTURAL FORMULA

Heavy chain

EVQLVQSGAE	VKPKGASVKV	SCKASGYKFT	DSEMHWVRQA	PGQGLEWIGG	50
VDPETEGAAAY	NQKFKGRATI	TRDTSTSTAY	LELSSLRSED	TAVVYCTRGY	100
DYDYALDYWG	QGTLVTVSSA	STKGPSVFPL	APSSKSTSGG	TAALGCLVKD	150
YFPEPVTVSW	NSGALTSGVH	TFPAVLQSSG	LYSLSSVTV	PSSSLGTQTY	200
ICNVNHKPSN	TKVDKKVEPK	SCD			223

Light chain

DIQMTQSPSS	LSASVGDRVT	ITCRASSVE	FIHWYQQKPG	KAPKPLISAT	50'
SNLASGVPSR	FSGSGSGTDF	TLTISSLQPE	DFATYYCQQW	SSAPWTFGGG	100'
TKVEIKRTVA	APSVFIFPPS	DEQLKSGTAS	VVCLLNNFYP	REAKVQWKVD	150'
NALQSGNSQE	SVTEQDSKDS	TYSLSSTLTL	SKADYEKHKV	YACEVTHQGL	200'
SSPVTKSFNR	GEC				213'

Disulfide bridges

22-96	23'-87'	133'-193'	146-202	222-213'
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Glycosylation sites (N)

None	None
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MOLECULAR FORMULA C<sub>2066</sub>H<sub>3194</sub>N<sub>550</sub>O<sub>673</sub>S<sub>12</sub>

MOLECULAR WEIGHT 46.89 kDa

TRADEMARK None as yet

SPONSOR Genentech, Inc./  
Hoffmann-La Roche Inc.

CODE DESIGNATIONS	FHTR2163, RO7171009
<u>CAS</u> REGISTRY NUMBER	2403683-24-7
UNII	UTI65JH23L
WHO NUMBER	11632

gbk