

STRUCTURAL FORMULA

Heavy chain (anti-LAG3) X

EVQLVESGGG	LVQPGGSLRL	SCAASGFTFD	DAWMSWVRQA	PGKGLEWVAE	50
ISTKANNHAT	YYAESVKGRF	TISRDDSKSS	VYLQMNSLRA	EDTAVYYCTR	100
LATWDWYFDV	WQGGTFTVTVS	SASTKGPSVF	PLAPSSKSTS	GGTAALGCLV	150
KDYFPEPVTV	SWNSGALTSG	VHTFPAVLQS	SGLYSLSSVV	TVPSSSLGTQ	200
TYICNVNHKP	SDTKVDKKE	PKSCDKTHTC	PPCPAPPVAG	PSVFLFPPKP	250
KDTLMISRTP	EVTCVVVDVK	HEDPEVKFNW	YVDGVEVHNA	KTKPREEEYN	300
STYRVVSVLT	VLHQDWLNGK	EYCKVSNKA	LPAPIEKTIS	KAKGQPREPQ	350
VYTLPPSREE	MTKNQVSLTC	DVSGFYPSDI	AVEWESDGQP	ENNYKTTTPV	400
LDSGDGFFLY	SKLTVDKSRW	EQGDVFSCSV	LHEALHSHYT	QKSLSLSPGK	450

Light chain (anti-LAG3) X'

DIVLTQSPSS	LSASVGDRVT	ITCRASQSV	YDGSYMNWY	QQKPGKPKL	50'
LIYAAELES	GIPARFSGSG	SGTDFLTIS	SLQPEDFATY	YCQQSNEDPF	100'
TFGSGTKLEI	KRTVAAPSVF	IFPPSDEQLK	SGTASVVCLL	NNFYPREAKV	150'
QWKVDNALQS	GNSQESVTEQ	DSKDSTYSL	STLTLSKADY	EKHKVYACEV	200'
THQGLSSPVT	KSFNRGEC				218'

Chain IG scFv-h-CH2-CH3 (anti-CTLA4), X''

EVQLVESGGG	LVKPGGSLRL	SCAASGFTFS	SYTMHWVRQA	PGKGLEWVSF	50
ISYDGNKYKY	ADSVKGRFTI	SRDNAKNSLY	LQMNSLRAED	TAVYYCARGG	100
HLGPFDLWQ	GTMVTVSSGK	PGSGKPGSGK	PGSGKPGSEI	VLTQSPATLS	150
LSPGERATLS	CRASQSVGSS	YLAWYQKPG	QAPRLLIYGA	SSRATGIPDR	200
FSGSGSGTDF	TLTISRLEPE	DFAVYQCQY	GSSPWTFGQG	TKVEIKEPKS	250
SDKTHTCPPC	PAPPVAGPSV	FLFPPKPKDT	LMSRTPEVT	CVVVDVKHED	300
PEVKFNWYVD	GVEVHNAKTK	PREEQYNSTY	RVVSVLTVLH	QDWLNGKEYK	350
CKVSNKALPA	PIEKTISKAK	GQPREPQVYT	LPPSREQMTK	NQVKLTCLVK	400
GFYPSDIAVE	WESNGQPENN	YKTTTPVLDS	DGSFFLYSKL	TVDKSRWQQG	450
NVFCSDLVHE	ALHSHYTKS	LSLSPGK			477

Disulfide bridges

22''-96''	22-98	23'-92'	138''-198'	148-204	161''-227''	224-218'	257''-230
260''-233	264-324	291''-351''	370-428	397''-455''			

Glycosylation sites (N)

300''	327
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MOLECULAR FORMULA

C₅₅₇₆H₈₅₉₇N₁₄₈₁O₁₇₃₇S₃₆ (peptide only)

MOLECULAR WEIGHT

125.32 kDa

TRADEMARK

None as yet

SPONSOR

Xencor Inc.

CODE DESIGNATIONS

XmAb22841

CAS REGISTRY NUMBER

2329669-78-3

UNII

3PT70X17VS

WHO NUMBER

11465

gbk