

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (GH-123) DAZODALIBEP

PRONUNCIATION daz” oh dal’ i bep

THERAPEUTIC CLAIM Treatment of B-cell dependent autoimmune Diseases including rheumatoid arthritis (RA), primary Sjogren’s syndrome (pSS) and idiopathic thrombocytopenic purpura (ITP)

CHEMICAL NAME

Protein VIB4920 (recombinant human tenascin C CD40 ligand-binding third fibronectin type III domain) fusion protein with peptide (synthetic 19-amino acid linker) fusion protein with tenascin C CD40 ligand-binding third fibronectin type III domain (human recombinant) fusion protein with peptide (synthetic 10-amino acid linker) fusion protein with serum albumin (human C-terminal fragment)

STRUCTURAL FORMULA

Sequence:

SQIEVKDVT	TTALITWSDD	FGEYVWCELT	YGIKDVPGDR	TTIDLWYHHA	50
HYSIGNLKPD	TEYEVSLICR	SGDMSSNPAK	ETFTTGGGGG	GGGGGGGGGG	100
RLDAPSQIEV	KDVTDTTALI	TWSDDFGEYV	WCELTYGIKD	VPGDRTTIDL	150
WYHHAHYSIG	NLKPDTYEYEV	SLICRSGDMS	SNPAKETFTT	GGGGGGGGGG	200
DAHKSEVAHR	FKDLGEEFK	ALVLIAFAQY	LQQSPFEDHV	KLVNEVTEFA	250
KTCVADESAE	NCDKSLHTLF	GDKLCTVATL	RETYGEMADC	CAKQEPERNE	300
CFLQHKDDNP	NLPRLVRPEV	DVMCTAFHDN	EETFLKKYLY	EIARRHPYFY	350
APELLFFAKR	YKAAFTECCQ	AADKAACLLP	KLDELRDEGK	ASSAKQRLKC	400
ASLQKFGERA	FKAWAVARLS	QRFPKAEFAE	VSKLVTDLTK	VHTECCHGDL	450
LECADDRADL	AKYICENQDS	ISSKLKECCE	KPLLEKSHCI	AEVENDEMPA	500
DLPSLAADFV	ESKDVCKNYA	EAKDVFLGMF	LYEYARRHPD	YSVLLLLRLA	550
KTYETTLEKC	CAAADPHECY	AKVFDEFKPL	VEEPQNLIKQ	NCELFEQLGE	600
YKFQNALLVR	YTKKVPQVST	PTLVEVSRNL	GKVGSKCCKH	PEAKRMPCAE	650
DYLSVVLNQL	CVLHEKTPVS	DRVTKCTES	LVNRRPCFSA	LEVDETYVPK	700
EFNAETFTFH	ADICTLSEKE	RQIKKQTALV	ELVKHKPKAT	KEQLKAVMDD	750
FAAFVEKCCK	ADDKETCFAE	EGKKLVAASQ	AALGL		785

Disulfide bridges:

27-69	132-174	253-262	275-290	291-301	324-368
369-377	400-445	446-453	465-478	479-489	516-560
561-569	592-637	638-648	661-676	677-687	714-758
759-767					

MOLECULAR FORMULA C₃₈₇₀H₅₉₈₃N₁₀₃₃O₁₂₀₄S₄₆

MOLECULAR WEIGHT 87,720 Da

TRADEMARK	None as yet
SPONSOR	Vielia Bio., Inc.
CODE DESIGNATIONS	VIB4920; MEDI4920
<u>CAS</u> REGISTRY NUMBER	2245953-10-8
UNII	HN5US76BWF
WHO NUMBER	11399

SCS