

STATEMENT ON A NONPROPRIETARY NAME ADOPTED BY THE USAN COUNCIL

USAN (GH-156) APITEGROMAB  
 PRONUNCIATION a" pi teg' roe mab  
 THERAPEUTIC CLAIM Treatment of spinal muscular atrophy (SMA)  
 CHEMICAL NAME

1. Immunoglobulin G4 [234-proline], anti-(human progrowth differentiation factor 8) (human monoclonal SRK-015  $\gamma$ 4-chain), disulfide with human monoclonal SRK-015  $\lambda$ -chain, dimer

STRUCTURAL FORMULA

Heavy chain

QVQLVESGGG	VVQPGRSLRL	SCAASGFTFS	SYGMHWVRQA	PGKGLEWVAV	50
ISYDGSNKYY	ADSVKGRFTI	SRDNSKNTLY	LQMNSLRAED	TAVYYCARDL	100
LVRFLEWSHY	YGMDVWGQGT	TVTSSASTK	GPSVFLAPC	SRSTSESTAA	150
LGCLVKDYFP	EPVTVSWNSG	ALTSGVHTFP	AVLQSSGLYS	LSSVVTVPSS	200
SLGTKTYTCN	VDHKPSNTKV	DKRVESKYGP	PCPPCPAPEF	LGGPSVFLFP	250
PKPKDTLMIS	RTPEVTCVVV	DVSQEDPEVQ	FNWYVDGVEV	HNAKTKPREE	300
QFNSTYRVVS	VLTVLHQDWL	NGKEYKCKVS	NKGLPSSIEK	TISKAKGQPR	350
EPQVYTLPPS	QEEMTKNQVS	LTCLVKGFYP	SDIAVEWESN	GQPENNYKTT	400
PPVLDSDGSF	FLYSRLTVDK	SRWQEGNVFS	CSVMHEALHN	HYTQKSLSL	450
LG					452

Light chain

QSVLTQPPSA	SGTPGQRVTI	SCSGSSSNIG	SNTVHWYQQL	PGTAPKLLIY	50'
SDNQRPSPV	DRFSGSKSGT	SASLAISGLQ	SEDEADYCA	AWDDSLNGVF	100'
GGGKLTVLG	QPKAAPSVTL	FPPSSEELQA	NKATLVCLIS	DFYPGAVTVA	150'
WKADSSPVKA	GVETTTPSKQ	SNNKYAASSY	LSLTPEQWKS	HRYSYSCQVTH	200'
EGSTVEKTVA	PTECS				215'

Disulfide bridges

22-96	22''-96''	22'-89'	22'''-89'''	137'-196'	137'''-196'''	140-214'	140''-214'''
153-209	153''-209''	232-232''	235-235''	267-327	267''-327''	373-431	373''-431''

Glycosylation sites (N)

303	303''
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MOLECULAR FORMULA C<sub>6412</sub>H<sub>9866</sub>N<sub>1710</sub>O<sub>2026</sub>S<sub>44</sub>

MOLECULAR WEIGHT 144.8 KDa

TRADEMARK None as yet

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CODE DESIGNATIONS SRK-015

CAS REGISTRY NUMBER 2278276-46-1

UNII UZ54216N0Y

WHO NUMBER

11471

gbk