



- (51) **International Patent Classification:**
C07K 14/62 (2006.01) *A61K 47/64* (2017.01)
- (21) **International Application Number:**
PCT/US2023/063510
- (22) **International Filing Date:**
01 March 2023 (01.03.2023)
- (25) **Filing Language:** English
- (26) **Publication Language:** English
- (30) **Priority Data:**
63/315,296 01 March 2022 (01.03.2022) US
- (71) **Applicant:** SCOUT BIO, INC. [US/US]; 100 N. 18th Street, Suite 300, Philadelphia, Pennsylvania 19103 (US).
- (72) **Inventors; and**
- (71) **Applicants:** BUSFIELD, Samantha J. [US/US]; c/o Scout Bio, Inc., 100 N. 18th Street, Suite 300, Philadelphia, Pennsylvania 19103 (US). WILSON, Matthew J. [US/US]; c/o Scout Bio, Inc., 100 N. 18th Street, Suite 300, Philadelphia, Pennsylvania 19103 (US).
- (74) **Agent:** METZ, Kyle A. et al.; Cooley LLP, 1299 Pennsylvania Avenue, NW, Suite 700, Washington, District of Columbia 20004 (US).

NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.

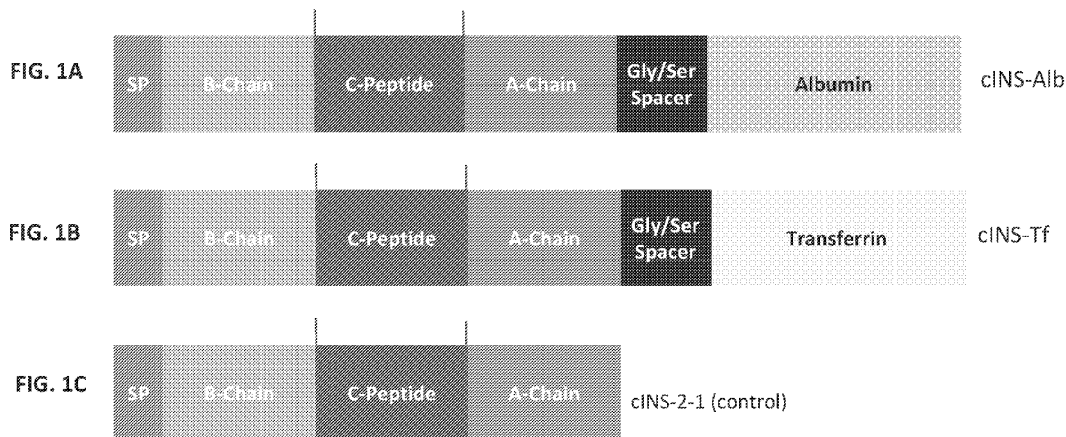
- (84) **Designated States** (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, CV, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SC, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, ME, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Published:

- without international search report and to be republished upon receipt of that report (Rule 48.2(g))
- with sequence listing part of description (Rule 5.2(a))

- (81) **Designated States** (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, MG, MK, MN, MW, MX, MY, MZ, NA, NG,

- (54) **Title:** INSULIN FUSION PROTEIN



- (57) **Abstract:** Provided are compositions and methods for treating diabetes in a canine or feline. A canine or feline insulin-serum albumin fusion protein is administered to a subject.