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(71) Applicant: **REGENERON PHARMACEUTICALS, INC.** [US/US]; 777 Old Saw Mill River Road, Tarrytown, New York 10591 (US).

(72) Inventors: **PATEL, Supriya**; c/o Regeneron Pharmaceuticals, Inc., 777 Old Saw Mill River Road, Tarrytown, New York 10591 (US). **ZHANG, Tong**; c/o Regeneron Pharmaceuticals, Inc., 777 Old Saw Mill River Road, Tarrytown, New York 10591 (US). **WU, Jiaxi**; c/o Regeneron Pharmaceuticals, Inc., 777 Old Saw Mill River Road, Tarrytown, New York 10591 (US). **CHANG, Aaron**; c/o Regeneron Pharmaceuticals, Inc., 777 Old Saw Mill River Road, Tarrytown, New York 10591 (US). **SMITH, Eric**; c/o Regeneron Pharmaceuticals, Inc., 777 Old Saw Mill River Road, Tarrytown, New York 10591 (US). **LIN, Chia-Yang**; c/o Regeneron Pharmaceuticals, Inc., 777 Old Saw Mill River Road, Tarrytown, New York 10591 (US). **DAVIS, Samuel**; c/o Regeneron Pharmaceuticals, Inc., 777 Old Saw Mill River Road, Tarrytown, New York 10591 (US).

(74) Agent: **BRUNER, J. Kyle** et al.; BIOSPARK INTELLECTUAL PROPERTY LAW, 1 Broadway, 14th Floor, Cambridge, Massachusetts 02142 (US).

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(54) Title: INTERLEUKIN-2 PROPROTEINS AND USES THEREOF

(57) Abstract: The present disclosure provides IL2 proproteins comprising an IL2 moiety that is masked with an IL2R α moiety and a protease-cleavable linker, configured such that the IL2R α moiety is released from the IL2 moiety upon the action of a protease, e.g., at a tumor site. The IL2 proproteins optionally further comprise a targeting moiety, e.g., a targeting moiety that recognizes a tumor-associated antigen and directs the proprotein to a tumor site. The disclosure further provides pharmaceutical compositions comprising the IL2 proproteins, and methods of use of the IL2 proproteins in therapy, as well as nucleic acids encoding the IL2 proproteins, recombinant cells that express the IL2 proproteins and methods of producing the IL2 proproteins.



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