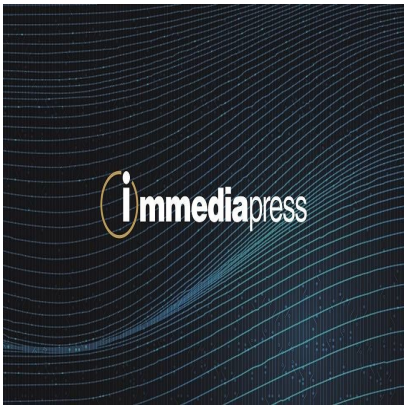


Sino Biological Introduces AI-Trusted and Qualified Target Protein Collections for AI-Driven Discovery

Descrizione

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COMUNICATO STAMPA â?? CONTENUTO PROMOZIONALE

11,000+ Target Proteins. Reliable Supply. Built for AI-Driven Discovery.

HOUSTON, Nov. 18, 2026 /PRNewswire/ â?? As AI accelerates recombinant protein and antibody discovery for therapeutic and diagnostic development, access to well-characterized target proteins is essential for evaluating AI-designed molecules. Sino Biological, Inc. (Shenzhen Stock Exchange: 301047.SZ), a global biotechnology company specializing in recombinant proteins, antibodies, and CRO services, introduces two dedicated target protein collections for AI-driven discovery: AI-Trusted Proteins and AI-Qualified Proteins.

Two Collections. Two Ways to Support AI Validation.

AI-Trusted Proteins â?? Proven in AI Research

AI-Trusted Proteins have been used in AI-focused company validation projects, with some proteins featured in published research. This collection currently covers 600+ targets and 960+ individual proteins, with available characterization data for each protein potentially including SPR, BLI, ELISA, cell-based activity assays, SEC-HPLC, and SEC-MALS analyses.

AI-Qualified Proteins â?? Characterized for AI Validation

AI-Qualified Proteins feature experimentally characterized target binding activity, including SPR/BLI validation data, as well as specialized formats such as biotinylated proteins for AI-driven research. With 680+ targets and 1,700+ individual proteins, this collection provides researchers with a broad selection of characterized target proteins for evaluating AI-designed molecules.

The 4S System: Building Confidence in Target Protein Resources

Supporting these collections is Sino Biologicalâ??s 4S System â?? Scale, Scope, Speed, and Supply. This system provides over 11,000 recombinant target proteins, broad target coverage, diverse protein formats, and reliable long-term supply to support AI-driven research programs.

Sino Biological has also developed a therapeutic target directory covering 12 therapeutic areas and more than 100 diseases, enabling researchers to explore relevant targets by therapeutic area or disease.

4RISEâ?¢: Connecting Target Resources with End-to-End AI Validation

As a key resource within Sino Biologicalâ??s 4RISEâ?¢ AI Lab Validation Solution, the AI-focused target protein library works alongside high-throughput protein expression, binding and affinity characterization, developability assessment, and functional validation.

Built around four strengths â?? Rapid, In-Depth, Seamless, and Empirical â?? 4RISEâ?¢ provides integrated wet-lab support to help researchers advance AI-designed molecules from computational predictions to experimental evidence.

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â??AI-driven discovery depends on reliable experimental resources to evaluate designed molecules and guide subsequent research decisions,â?• said Dr. Rob Burgess, Chief Business Officer at Sino Biological US. â??By combining AI-Trusted and AI-Qualified target proteins with our 4S System, we aim to provide researchers with well-characterized target resources, broad coverage, and dependable supply to support AI-driven protein and antibody discovery.â?•

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View original content to download multimedia:https://www.prnewswire.co.uk/news-releases/sino-biological-introduces-ai-trusted-and-qualified-target-protein-collections-for-ai-driven-discovery-302943195.html

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