

Scientific article about the advantageous S2-based protein secretion system ExpreS2 and a moderate-throughput research variant called FAS2FURIOUS

Hørsholm, Denmark, May 9, 2022 – ExpreS²ion Biotech Holding AB’s affiliate ExpreS²ion Biotechnologies ApS (“ExpreS²ion”) announces that Frontiers in Bioengineering and Biotechnology published an article about the ability of S2 cells to express challenging targets.

Excerpts: "...FAS2FURIOUS is comparable in effort to simple *E. coli* systems and allows users to clone and test up to 46 constructs in just 2 weeks. Given the ability of S2 cells to express challenging targets, including receptor ectodomains, secreted glycoproteins, and viral antigens, FAS2FURIOUS represents an attractive orthogonal approach for protein expression in eukaryotic cells.... ...we expect protein expression in S2 to “catch-up” to more common approaches in Sf9 and High Five™ cells, especially for the most challenging targets."

The scientific article is titled "FAS2FURIOUS: Moderate-Throughput Secreted Expression of Difficult Recombinant Proteins in *Drosophila* S2 Cells". Paper reference: Coker *et al.*, Front. Bioeng. Biotechnol. (2022) <https://doi.org/10.3389/fbioe.2022.871933>. The article can also be found via this [link](#), as well as via the [Research Publications](#) page of ExpreS²ion’s website.

Certified Adviser

Svensk Kapitalmarknadsgranskning AB
Telefon: +46 11 32 30 732
E-post: ca@skmg.se

For further information about ExpreS²ion Biotech Holding AB, please contact:

Bent U. Frandsen, CEO
Telephone: +45 4256 6869
E-mail: buf@expres2ionbio.com

Keith Alexander, CFO
Telephone: +45 5131 8147
E-mail: ka@expres2ionbio.com

About ExpreS²ion

ExpreS²ion Biotechnologies ApS is a fully owned Danish subsidiary of ExpreS²ion Biotech Holding AB with company register number 559033-3729. ExpreS²ion has developed a unique technology platform, ExpreS², for fast and efficient non-clinical development and production of complex proteins for new vaccines and diagnostics. ExpreS² is regulatorily validated for clinical supply. The platform includes functionally modified glycosylation variants for enhanced immunogenicity and pharmacokinetics. Since 2010, the Company has produced more than 500 proteins and virus-like particles (VLPs) in collaboration with leading research institutions and companies. ExpreS²ion develops novel VLP based vaccines in association with AdaptVac ApS, of which ExpreS²ion owns 34%. For additional information, please visit www.expres2ionbio.com.