

Short™ AE-IGF-1

Insulin-like Growth Factor 1

Product Performance

ADDITION OF IGF-1 TO PRODUCTION MEDIA

IGF-1 is often added to culture media to improve growth characteristics and protein production of manufacturing cell lines.

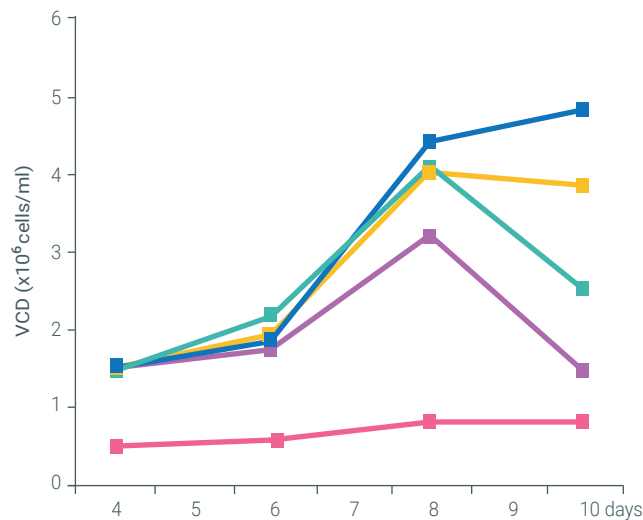
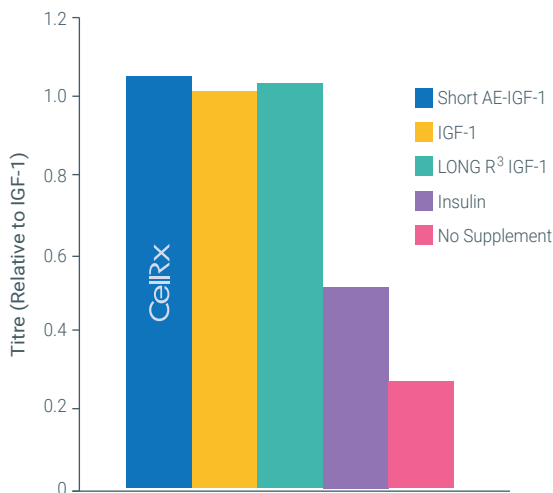
However,

- Reliance on powdered formats adds handling steps and variability into a process.
- Conventional IGF-1, lacking liquid stability, requires reconstitution or carrier proteins, excipients, stabilizers and aliquoting into smaller quantities for storage.
- Higher unit prices increases manufacturing COGS for any given product.

NOVEL PRODUCTION PROCESS FROM CellRx

A highly efficient patented process that produces Short AE-IGF-1 (modified IGF-1) in a stable liquid format at a competitive price.

- Short AE-IGF-1, is formulated with ease of use and stability in mind for batch media preparation, eliminates the need for mixing of powder at bulk scale or risk of influencing cell culture pH and osmolality.
- Available in 100mM acetic acid formulation, the stable Short AE-IGF-1; ships at ambient temperature, does not require reconstitution or additional handling steps and can be safely stored at 2-8°C with a shelf life of 4 years.
- Short AE-IGF-1 significantly reduces the cost of upstream manufacturing processes.



- **Performance** of Short AE-IGF-1 matches industry leading IGF-1 products to improve culture performance.
- Offers **significant cost savings** to other available alternatives.
- Validated **4 years stability** in liquid format, reducing handling and therefore variability.
- Samples available as part of the **evaluation program** for qualifying customers.

ISO 18001, ISO 9001, ISO 14001 compliant production using a **fully defined animal component free process** and **cGMP guidelines**.

Comprehensive **supply and risk management strategy** with inventory surplus equal to 2 years of forecast demand.

Technical support available from cell culture specialists with more than 25 years of process development expertise.

ABOUT CellRx

CellRx is a specialist manufacturer and supplier of growth factors that serve the technical research and bioprocessing markets. With a proprietary manufacturing platform and decades of innovation and expertise CellRx is filling the much-needed gap in offering top quality, high performance products at an unbeatable price point. For more information about CellRx, our products and services, please e-mail us on info@cellrxbio.com or visit our website cellrxbio.com

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