

# CellPrime™ rTransferrin AF

## Frequently asked questions - Product information

### 1. What is CellPrime rTransferrin AF?

CellPrime rTransferrin AF is a recombinant analog of human holo-transferrin, specifically engineered to provide an animal-free alternative to current serum-derived human or bovine transferrin. Suitable for both research and commercial scale mammalian cell culture it also offers superior benefits over commonly used iron salts by binding specifically to transferrin receptors and facilitating efficient iron uptake into the cells for optimal cell culture performance.

### 2. What does CellPrime rTransferrin AF represent?

"CellPrime" is the brand name for Millipore and Novozymes product portfolio of high quality, animal-free alternatives for use in cell culture and other upstream biopharmaceutical applications. The prefix "r" signifies the molecule is a recombinant analog of human holo-transferrin. The suffix "AF" indicates that the product is animal-free and manufactured without the use of animal-origin ingredients.

### 3. Is CellPrime rTransferrin AF manufactured to cGMP standards?

Yes, CellPrime rTransferrin AF is manufactured to cGMP standards in FDA inspected facilities.



## CellPrime rTransferrin AF

### 4. What type of technology is used to produce CellPrime rTransferrin AF?

CellPrime rTransferrin AF is manufactured by Novozymes BioPharma in a proprietary *Saccharomyces cerevisiae* host which has a long and successful track record in the production of protein therapeutics.

### 5. Are any animal- or human-derived components used in the manufacture of CellPrime rTransferrin AF?

No, CellPrime rTransferrin AF is manufactured using a process that is completely free of animal- or human-derived ingredients including the establishment of master cell banks.

### 6. What type of documentation is provided with each batch of CellPrime rTransferrin AF?

Each batch of CellPrime rTransferrin AF is accompanied by a batch-specific Certificate of Analysis which includes the product characteristics and their respective specifications and results.

### 7. What CellPrime rTransferrin AF packaging sizes are available?

CellPrime rTransferrin AF is available as a 2% (w/v) 0.2µm filtered solution in 10 or 50 mL size vials. Bulk packaging is also available upon request.

### 8. How can I sample or purchase CellPrime rTransferrin AF?

CellPrime rTransferrin AF can be purchased from Millipore, the exclusive distributor of the CellPrime product portfolio.

### 9. Can you define the relationship between Novozymes and Millipore?

Millipore and Novozymes have formed a strategic alliance to supply animal-free supplements for cell culture and bioprocessing applications. The CellPrime portfolio of high quality, animal-free ingredients optimizes productivity, addresses drug safety and eases regulatory approval. Furthermore, the strength and expertise of both alliance partners assures the reliable long-term supply of these regulatory compliant supplements.

### 10. Where can I find further information on the CellPrime product portfolio and Millipore-Novozymes Alliance agreement?

For further information on the CellPrime product portfolio and alliance agreement between Millipore and Novozymes visit: [www.millipore.com/cellprime](http://www.millipore.com/cellprime)



C E L L P R I M E™ A L L I A N C E

#### Millipore and Novozymes Partnership

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## To sample or purchase CellPrime rTransferrin AF, please contact Millipore

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