

Recombinant Bovine Transferrin - Apo

Catalog #: 0592-PP-002

Description:

Recombinant, Bovine Transferrin – Apo expressed in the *Thermothelomyces heterothallica* system. This protein is produced using proprietary fungal expression technology with a molecular weight of ~75 kDa with a purity of ~95% by SDS page. It is explicitly optimized for use as a cell culture media supplement, for protein stabilization, or as a diagnostic reagent.

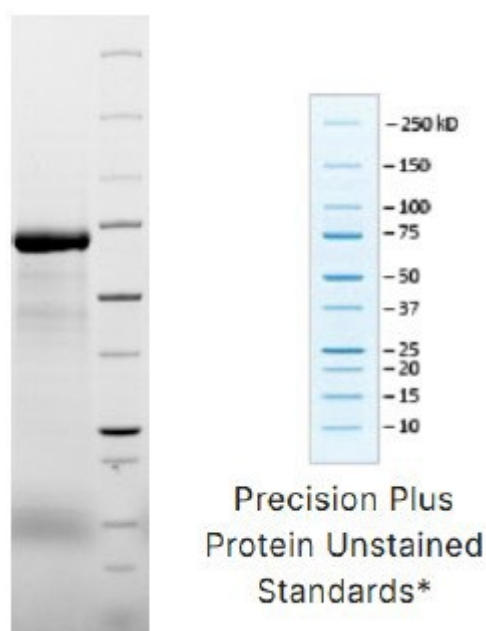
Formulation & Storage: Supplied as lyophilized powder. Soluble in water or PBS buffer. Store at -20°C up to 1 year, and at -20°C for 1 month after reconstitution.

Product Reconstitution Info :

Add pure water to obtain a protein concentration of 10–30 g/L. If further dilution is required, prepare the diluted protein using an appropriate buffer—such as 20 mM sodium phosphate (pH 6.5–7.8) containing up to 300 mM NaCl.

Applications

SDS-PAGE and Western Blot Data:



HPLC Data:

UV chromatogram at 280 nm demonstrating a highly homogeneous protein profile with the primary target peak accounting for 95.53% of total area.

	NAME	RETENTION TIME	AREA	% AREA
1	TRANSFERRIN	1.433	133116	95.53
2		1.612	3960	2.84
3		1.692	495	0.36
4		1.729	388	0.28
5		1.763	483	0.35
6		1.845	790	0.57
7		1.885	118	0.08

Certificate of analysis:

A hardcopy of datasheet is sent along with the products. Please refer to it for detailed information. For older lots, refer to the applicable certificate of analysis that may be requested at services@ibtbioservices.com

Related Products:

IBT provides a wide array of anti-filovirus specific antibodies, recombinant proteins, and other infectious disease reagents. Please see our website, www.ibtbioservices.com for more details.

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