

Native Chicken Ovotransferrin

Cat. No. TF-136C Lot. No. (See product label)

SPECIFICATION

Species	Chicken
Source	Chicken Egg White
ProteinLength	Full length native Chicken Ovotransferrin
Description	<p>Transferrins are iron binding transport proteins which can bind two Fe³⁺ ions in association with the binding of an anion, usually bicarbonate. It is responsible for the transport of iron from sites of absorption and heme degradation to those of storage and utilization. Serum transferrin may also have a further role in stimulating cell proliferation. Transferrin has a bacteriostatic function. Its concentration in avian egg is the highest concentration of any transferrin in vivo. Transferrin in liver is regulated by the iron levels but not in the oviduct. These two forms of transferrin (liver and oviduct) differ only by their carbohydrate composition.</p>
Form	Liquid
Purity	>95% (SDS-PAGE)
Applications	Western blotting,ELISA,etc
Storage	Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Storage Buffer	PBS


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GENE INFORMATION

Gene Name	TF transferrin (ovotransferrin) [Gallus gallus]
Official Symbol	TF
Synonyms	LTF; TFEW; conalbumin; ovotransferrin; lactotransferrin; serum transferrin; allergen Gal d III; ovotransferrin BB type; ovotransferrin BC type; ovotransferrin CC type
Gene ID	396241
mRNA Refseq	NM_205304
Protein Refseq	NP_990635
UniProt ID	P02789
Chromosome Location	chromosome: 9
Function	ferric iron binding

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