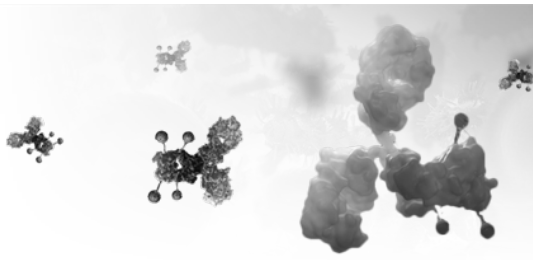

Native Human Lactoferrin Protein (DAG-IV10)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Purified protein from human milk - lyophilised
Species	Human
Purity	~90% by Biuret method.
Conjugate	Unconjugated
Applications	ELISA
Molecular Weight	~78 kDa
Reconstitution	Reconstitute with 5 ml distilled water. Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. We recommend that the vial is gently mixed after reconstitution.
Format	Lyophilized
Size	5 mg
Buffer	Lyophilized from from Human milk
Preservative	None
Storage	Store at 4°C.DO NOT FREEZE. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.

BACKGROUND

Introduction	Human lactoferrin is a ~78 kDa globular protein found in body secretions such as milk and saliva and is a member of the transferrin family proteins. Transferrins control the level of free

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	iron in the body, by binding and transporting iron. Lactoferrin does not appear to have a transporting function, instead it has antimicrobial activity, by keeping the levels of iron in body fluids low and thus preventing microbes from acquiring iron. Removing free iron from body fluids and inflamed areas also serve to protect against the damaging effects of free radicals.
Keywords	LTF; lactotransferrin; LF; HLF2; GIG12; HEL110; kaliocin-1; lactoferricin; lactoferroxin; talalactoferrin; neutrophil lactoferrin; growth-inhibiting protein 12; epididymis luminal protein 110; Lactoferrin Protein

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