

Lactoferrin (LTF) Active Protein | LTF active protein

Active Lactoferrin (LTF)

CATALOG # AAA153058	HOST E coli	APPLICATIONS Activity Assay, Cell Culture
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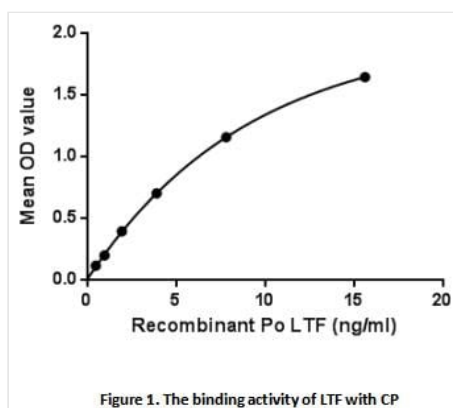
PRODUCT SYNONYMS

Lactoferrin (LTF); Active Lactoferrin (LTF); Lactoferrin; LTF active protein (prokaryotic); Pig; HLF2; LF; GIG12; Lactotransferrin; Growth-inhibiting protein 12; Talalactoferrin; Lfcin-H; Kaliocin-1; LTF active protein

PRODUCT SPECIFICATIONS

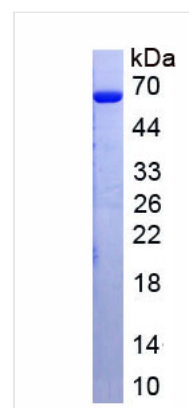
Host	E coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Val25~Glu348
Applicable Applications for LTF active protein	Activity Assay, Cell Culture
Expression System	Prokaryotic expression
Species	Pig
Tag	N-terminal His and GST
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	8.9
Research Area	Tumor immunity
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES



Bioactivity

Lactotransferrin (LTF), also known as actoferrin (LF), is a multifunctional protein of the transferrin family. Lactoferrin belongs to the innate immune system. Apart from its main biological function, namely binding and transport of iron ions, lactoferrin



SDS-PAGE

Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for LTF active protein	Active proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	47523782
NCBI GeneID	397649
NCBI Accession #	NP_999527.1
NCBI GenBank Nucleotide #	NM_214362.1
UniProt Accession #	P14632; Q29557
Molecular Weight	77,626 Da
NCBI Official Full Name	lactotransferrin
NCBI Official Symbol	LTF
NCBI Official Synonym Symbols	PLF
NCBI Protein Information	lactotransferrin
UniProt Protein Name	Lactotransferrin
UniProt Gene Name	LTF
UniProt Synonym Gene Names	Lactoferrin

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/e-coli-active-protein/lactoferrin-ltf/153058>