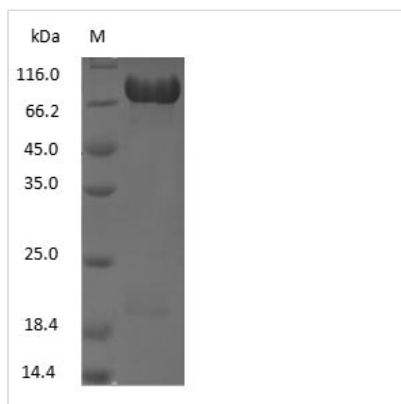


Human Lactoferrin

Product Code	CSB-NP008701h
Relevance	Lactoferrin is a glycoprotein present in most human mucosal secretions, including human milk. Lactoferrin is bacteriostatic in low iron media and, in some settings, bactericidal. Lactoferrin impairs ability of <i>Shigella flexneri</i> serotype 5 strain M90T to invade HeLa cells. To determine the mechanism by which lactoferrin decreases invasiveness of <i>Shigella</i> organisms, its effect on the major virulence proteins responsible for bacterial uptake by host cells was evaluated. Lactoferrin induced degradation of invasion plasmid antigens IpaB and, to a lesser extent, IpaC, the key proteins responsible for bacteria-directed phagocytosis by mammalian cells.
Storage	Aliquot and store at -20°C or -80°C. Avoid repeated freeze/thaw cycles.
Tested Applications	ELISA, WB, SDS-PAGE
Form	Liquid
Storage Buffer	PBS, pH 7.4
Alias	N/A
Product Type	Native Protein
Sensitivity	Not test
Purity	>95% (SDS-PAGE)
Sequence	Full length protein
Research Area	Cardiovascular
Source	Purified from Human milk
Protein Names	Human Lactoferrin

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.