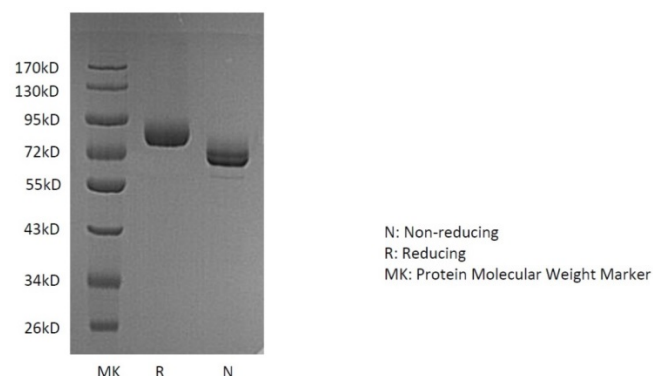


PRODUCT SPECIFICATIONS

Name	Recombinant Lactoferrin, 50 µg
Description	Recombinant human lactoferrin, also known as lactotransferrin/LTF antigen is produced by mammalian expression system and the target gene encoding Gly20-Lys710 is expressed with a 6His tag at the C-terminus. Predicted molecular weight: 77 kDa.
Amino acid sequence	<pre> GSRRRSVQWCAVSQPEATKCFQWQRNMRKVRGPPVSCIKRDSPIQCIQAIAENRADAVTLDGGFI YEAGLAPYKLRPVAEEVYGTERRQPRTHYYAVAVVKKGGSFQLNELQGLKSCHTGLRRTAGWNVPI GTLRPFLNWTGPPEPIEAAVARFFSASCVPGADKQFPNLCRLCAGTGENKCAFSSQEPYFSYSG AFKCLR DGAGDVAFIRESTVFEDLSDEAERDEYELLCPDNTRKPVDFKFDCHLARVPSHAVVARS VNGKEDAIWNLLRQAQEFKDKSPKFQLFGSPSGQKDLLFKDSAIGFSRVPPRIDSGLYLGSGY FTAIQNLRKSEEEVAARRARVWCAVGEQELRCKNQWSSLSEGSVTCSSASTTEDICIALVLKGEA DAMSLDGGYVYTAGKCGLPVLAENYKSSQSSDPDPCVDRPVEGYLTVAVRRSDTSLTWNSV KGKKSCHTAVDRTAGWNIPMGLLFNQGTGCKFDEYFSQSCAPGSDPRS NLCALCIGDEQGENKCE PNSNERYYGTYGAFRCLAENAGDVAFVKDVTVLQNTDGNNEAWAKDLKLADFALLCLDGKRKP TEARSCHLAMAPNHAVVSRMDKVERLKQVLLHQQAKFGRNGSDCPDKFCLFQSETKNLLFNDNT ECLARLHGKTTYEKYLGPOYVAGITNLKKCSTSPLEACEFLRKVDHHHHHH </pre>
Production host	Human cells
Product code	710016
Product formulation	Lyophilized
Product buffer	20 mM Na-phosphate, pH 7.4, 150 mM NaCl, 5% Mannitol
Reconstitution	Reconstitute lyophilized protein with 100 µl of deionized water
Storage at	-20 °C
Analyte description	Lactoferrin is an antimicrobial protein, also known as lactotransferrin, which transfers iron to the cells. It is used in a faecal test to detect inflammation in the intestine. Lactoferrin levels are associated with disease severity in intestinal bowel disease (IBD).
Product concentration	0.5 mg/ml when reconstituted with 100 µl of deionized water
Purity	SDS-PAGE > 90 %



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Oy Medix Biochemica Ab

Headquarters and manufacturing
 Klovinpellontie 3
 FI-02180 Espoo, Finland

medix@medixbiochemica.com
 www.medixbiochemica.com
 VAT reg. no. FI4631532