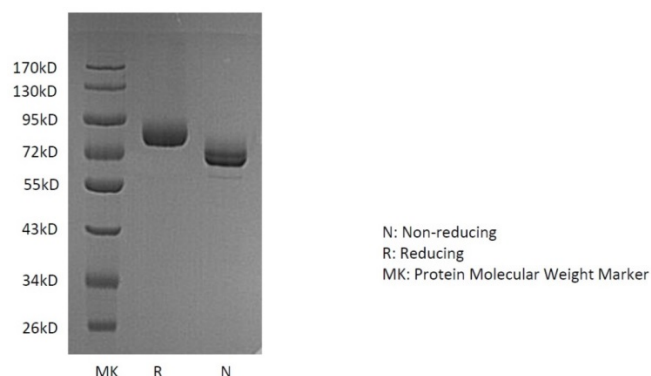


## PRODUCT SPECIFICATIONS

<b>Name</b>	Recombinant Lactoferrin, 500 µg
<b>Description</b>	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 weigh: 77 kDa.
<b>Amino acid sequence</b>	<p>GSRRRSVQWCAVSQPEATKCFQWQRNMRKVRGPPVSCIKRDSPIQCIQAIAENRADAVTLDDGGFI          YEAGLAPYKLRPVAEEVYGTERRQPRTHYYAVAVVKKGGSFQLNELQGLKSCHTGLRRTAGWNVPI          GTLRPFLNWTGPPEPIEAAVARFFSASCVPADKQGFNLCRLCAGTGENKCAFSSQEPYFSYSG          AFKCLR DGAGDVAFIRESTVFEDLSDEAERDEYELLCPDNTRKPVDFKFDCHLARVPSHAVVARS          VNGKEDAIWNLLRQAQEKFGKDKSPKFQLFGSPSGQKDLLFKDSAIGFSRVPPRIDSGLYLGSGY          FTAIQNLRKSEEEVAARRARVWCAVGEQELRKCQNQWGLSEGSVTCSSASTTEDICIALVLKGEA          DAMSLDGGYVYTAGKCGLVPLAENYKSSQSSDPDPCVDRPVEGYLTVAVVRRSDTSLTWNSV          KGKKSCHTAVDRTAGWNIPMGLLFNQGTGCKFDEYFSQSCAPGSDPRSNLCCALCIGDEQGENKCE          PNSNERYYGTYGAFRCLAENAGDVAFVKDVTVLQNTDGNNEAWAKDLKLADFALLCLDGKRKP          TEARSCHLAMAPNHAVVSRMDKVERLKQVLLHQQAKFGRNGSDCPDKFCLFQSETKNLLFNDNT          ECLARLHGKTTYEKYLGPOYVAGITNLKKCSTSPLEACEFLRKVDHHHHHH</p>
<b>Production host</b>	Human cells
<b>Product code</b>	710041
<b>Product formulation</b>	Lyophilized
<b>Product buffer</b>	20 mM Na-phosphate, pH 7.4, 150 mM NaCl, 5 % Mannitol
<b>Reconstitution</b>	Reconstitute lyophilized protein with 1000 µl of deionized water
<b>Shelf life and storage</b>	20 °C
<b>Analyte description</b>	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).
<b>Product concentration</b>	0.5 mg/ml when reconstituted with 1000 µl of deionized water
<b>Purity</b>	SDS-PAGE > 90 %



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