

Recombinant Lactoferrin, 500 µg

Product code	710041
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	GSRRRSVQWCAVSQPEATKCFQWQRNMRKVRGPPVSCIKRDSPICIQ AIAENRADAVTLDGGFIYEAGLAPYKLRPVAAEVYGTERQPRTHYYAVAV VKKGGSFQLNELQGLKSCHTGLRRTAGWNVPIGTLRPFNLWTGPPEPIEA AVARFFSASCVPGADKGQFPNLCRLCAGTGENKCAFSSQEPYFSYSG AFKCLRDGAGDVAFIRESTVFEDLSDEAERDEYELLCPDNTRKPVDFKFD CHLARVPSHAVVARSVNGKEDAIWNLLRQAQEKFGKDKSPKFQFLFGSPS GQKDLLFKDSAIGFSRVPPRIDSGLYLGSYFTAIQNLKSEEEVAARRAR VWCAVGEQELRKCQNQWSGLSEGSVTCSSASTTEDCIALVLKGEADAMS LDGGYVYTAGKCGLVPVLAENYKSQQSSDPDPCVDRPVEGYLTVAVVR RSDTSLTWNSVKGKKSCHTAVDRTAGWNIPMGLLFNQTGSCKFDEYFSQ SCAPGSDPRSNLCALCIGDEQGENKCEPNSNERYYYGYTGAFRCLAENAG DVAFVKDVTVLQNTDGNNEAWAKDLKLADFALLCLDGKRPTEARSCH LAMAPNHAVVSRMDKVERLKQVLLHQQAKFGRNGSDCPDKFCLFQSETK NLLFNDNTECLARLHGKTTYEKYLGPPQYVAGITNLKCKSTSPILLEACEFLR KVDHHHHHHH
Product host	Human cells
Product formulation	Lyophilized
Product buffer solution	20 mM Na-phosphate, pH 7.4, 150 mM NaCl
Reconstitution	Reconstitute the lyophilized protein with 1000 µl of deionized water
Shelf life and storage	-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 1000 µl of deionized water
Purity	SDS-PAGE > 90 %

