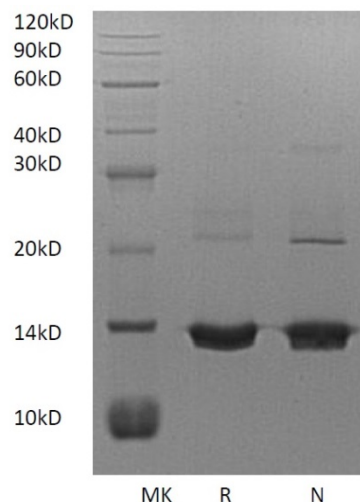


## PRODUCT SPECIFICATIONS

<b>Name</b>	Recombinant Calprotectin S100A8, 500 µg
<b>Description</b>	Recombinant human S100 calcium binding protein A8 antigen is produced by <i>E.coli</i> expression system and the target gene encoding Met1-Glu93 is expressed with a 6His tag at the C-terminus. Predicted molecular weight: 14 kDa.
<b>Amino acid sequence</b>	MLTELEKALNSIIDVYHKYSLIKGNFHAVYRDDLKKLLETCPQYIRKKGADVWFKELDINTDGA VNFQEFLILVIKMGVAAHKKSHEESHKEHHHHHH
<b>Production host</b>	<i>Escherichia coli</i> ( <i>E. coli</i> )
<b>Product code</b>	710035
<b>Product formulation</b>	Lyophilized
<b>Product buffer solution</b>	20 mM HEPES, pH 7.4, 150 mM NaCl
<b>Reconstitution</b>	Reconstitute lyophilized protein with 1000 µl of deionized water
<b>Shelf life and storage</b>	-20 °C
<b>Analyte description</b>	Calprotectin belongs to the family of S100 proteins and is composed of two subunits S100A8 and S100A9. Increased plasma concentrations are found in response to infections and inflammation. Faecal calprotectin measurement is used for detection of gastrointestinal inflammation or neoplasia and for assessment of inflammatory bowel disease activity and response to treatment.
<b>Product concentration</b>	0.5 mg/ml when reconstituted with 1000 µl of deionized water
<b>Purity</b>	SDS-PAGE > 90 %



N: Non-reducing  
R: Reducing  
MK: Protein Molecular Weight Marker

<b>Reactivity with MedixMABs</b>	Anti-h Calprotectin 3403: - Anti-h Calprotectin 3404: + Anti-h Calprotectin 3405: + Anti-h Calprotectin 3406: + Anti-h Calprotectin 3407: -
----------------------------------	---