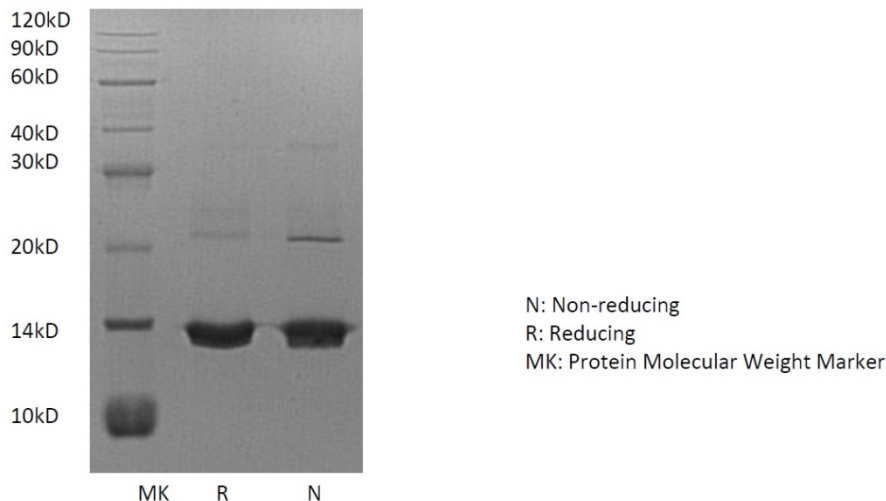


Recombinant Calprotectin S100A8, 1000 µg

Catalog number	710034
Description	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.
Amino acid sequence	MLTELEKALNSIIDVYHKYSLIKGNFHAVYRDDLLKLLLETECPQYIRKKGAD VWFKELDINTDGA VNFQEFLILVIKMGVAAHKKSHEESHKEHHHHHH
Product host	<i>Escherichia coli (E. coli)</i>
Product formulation	Lyophilized
Product buffer solution	20 mM HEPES, pH 7.4, 150 mM NaCl
Reconstitution	Reconstitute lyophilized protein with 2000 µl of deionized water
Storage at	-20 °C
Analyte description	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. Fecal calprotectin measurement is used for detection of gastrointestinal inflammation or neoplasia and for assessment of inflammatory bowel disease activity and response to treatment.
Product concentration	0.5 mg/ml when reconstituted with 2000 µl of deionized water
Purity	SDS-PAGE > 90 %



Antibodies tested	Anti-h Calprotectin 3403: - Anti-h Calprotectin 3404: + Anti-h Calprotectin 3405: + Anti-h Calprotectin 3406: + Anti-h Calprotectin 3407: -
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