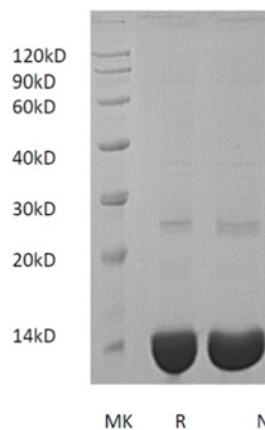


Recombinant Calprotectin S100A9, 500 µg

Catalog number	710037
Description	Recombinant human S100 calcium binding protein A9 antigen is produced by <i>E. coli</i> expression system and the target gene encoding Thr2-Pro114 is expressed. Predicted molecular weight: 13 kDa
Amino acid sequence	TCKMSQLERNIETIINTFFHQYSVKLGHPDTLNQGEFKELVRKDLQNFLKKE NKNEKVIEHIMEDLDTNADKQLSFEEFIMLMARLTWASHEKMHEGDEGPG HHHKPGLGEGTP
Product host	<i>Escherichia coli</i> (<i>E. coli</i>)
Product formulation	Lyophilized
Product buffer solution	PBS, pH 7.4
Reconstitution	Reconstitute lyophilized protein with 1000 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 1000 µl of deionized water
Purity	SDS-PAGE > 90 %



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

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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