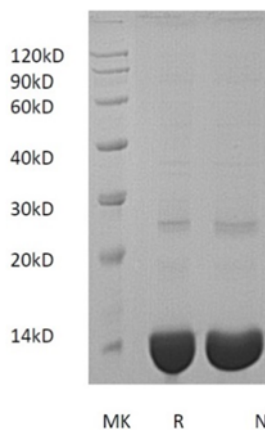


## Recombinant Calprotectin S100A9, 1000 µg

<b>Catalog number</b>	710036
<b>Description</b>	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
<b>Amino acid sequence</b>	TCKMSQLERNIETIINTFFHQYSVKLGHPDTLNQGEFKELVRKDLQNFLKKE NKNEKVIEHIMEDLDTNADKQLSFEEFIMLMARLTWASHEKMHEGDEGPG HHHKPGLGEGTP
<b>Product host</b>	<i>Escherichia coli</i> ( <i>E. coli</i> )
<b>Product formulation</b>	Lyophilized
<b>Product buffer solution</b>	PBS, pH 7.4
<b>Reconstitution</b>	Reconstitute lyophilized protein with 2000 µl of deionized water
<b>Storage at</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. Fecal 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 2000 µl of deionized water
<b>Purity</b>	SDS-PAGE > 90 %



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

<b>Antibodies tested</b>	Anti-h Calprotectin 3403: + Anti-h Calprotectin 3404: - Anti-h Calprotectin 3405: - Anti-h Calprotectin 3406: - Anti-h Calprotectin 3407: -
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