

Human Calprotectin (S100A8&S100A9) Protein

HA210041



Product name:	Human Calprotectin (S100A8&S100A9) Protein
Species reactivity:	Human
Protein construction description:	Recombinant Human Calprotectin (S100A8&S100A9) Protein is expressed from E.coli with His tag at the C-Terminus. It contains Met1-Glu93(S100A8)&Thr2-Pro114(S100A9).[Accession P05109(S100A8)&P06702(S100A9)]
Background:	Calprotectin, a member of the widespread calcium-binding S-100 protein family, is present in remarkably high concentration in the cytoplasm of human neutrophils. The calprotectin molecule is composed of light (MRP8) and heavy (MRP14) subunits. Although not secreted from intact neutrophils, calprotectin release from dead and dying neutrophils creates high concentrations of the protein in inflammatory or abscess fluids and in the intestinal tract lumen of patients with inflammatory bowel disease.
Purity:	> 95% as determined by Tris-Bis PAGE
Endotoxin:	Less than 1EU per µg by the LAL method.
Source:	E.coli
Accession:	P05109(S100A8)&P06702(S100A9)
Predicted molecular mass:	The protein has a predicted MW of 11.7 kDa(S100A8)&13.2 kDa(S100A9) same as Tris-Bis PAGE result
Formulation:	Lyophilized from 0.22µm filtered solution in 2mM DTT, PBS (pH 7.2). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage:	-20 to -80°C for 12 months as supplied from date of receipt.

Hangzhou Huaan Biotechnology Co., Ltd.

Orders:0086-571-88062880

Technical:0086-571-89986345

Service mail:support@huabio.cn

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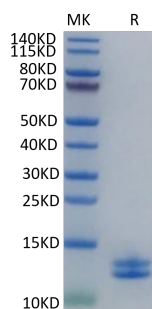


Fig1: Human Calprotectin (S100A8&S100A9) on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

Note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE".

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