



# Recombinant S100a14 protein (human, aa 1-104,> 95%) [His] (DAGA-816)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	S100A14 is a member of a subfamily of proteins related by EF-hand Ca <sup>2+</sup> binding protein superfamily. The extracellular functions of the S-100 family may include the ability to enhance neurite outgrowth, involvement in inflammation, and motility of tumor cells. S100A14 contains 2 EF-hand Ca <sup>2+</sup> -binding domains, a myristoylation motif, a glycosylation site, and several potential protein kinase phosphorylation sites. It is expressed at high level in the colon and at moderate level in the thymus, kidney, liver, small intestine, and lung. Recombinant human S100A14 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.
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<b>Purity</b>	>95% by SDS-PAGE
<b>Conjugate</b>	His
<b>Applications</b>	SDS-PAGE
<b>Molecular Weight</b>	13.8 kDa
<b>Format</b>	Liquid
<b>Concentration</b>	Batch dependent - please inquire should you have specific requirements
<b>Size</b>	100 µg
<b>Buffer</b>	20 mM Tris-HCl buffer, pH 8.0, containing 10% glycerol and 2 mM DTT.
<b>Preservative</b>	None
<b>Storage</b>	Store at 4°C for short term storage (1/2 weeks). Aliquot and store at -20°C or -70°C for long term storage. Avoid repeated freeze/thaw cycles.

# BACKGROUND

**Keywords**

S100 calcium binding protein A14 protein;S100A14;S100A15 protein;SA14 100;SA14 100 protein;BCMP84 protein;SA14-100 protein;SA14-100

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