



Recombinant S100a7 protein (aa 1-101) [GST] (DAGHH-001)

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

PRODUCT INFORMATION

Product Overview	A DNA sequence encoding the complete ORF of the S100A7 gene (a.a 1-101) was expressed with a GST-tag at N-terminal
Conjugate	GST
Applications	AP, ELISA, WB
Molecular Weight	36.8kDa
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements
Size	10 µg
Buffer	50 mM Tris-HCl, 10 mM reduced glutathione, pH=8.0 in the elution buffer
Preservative	None
Storage	Store at -80 °C. Avoid repeated freeze/thaw cycles

BACKGROUND

Introduction	S100A7, also known as Psoriasin, belongs to the S-100 family of calcium binding proteins and is secreted via a non-classical secretory pathway into the cytoplasm. It is thought to function in the regulation of many cellular processes, including the cell cycle, cell progression and cellular differentiation. It contains two EF-hand domains and is highly upregulated in psoriatic epidermis, as well as in bladder squamous cell carcinoma and breast cancer tissue, suggesting a possible role in carcinogenesis. Recombinant human S100A7 protein, fused to His-tag at N-
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terminus, was expressed in E. coli and purified by using conventional chromatography.

Keywords

S100A7; Psoriasin; S-100

GENE INFORMATION

UniProt ID

AAH34687.1
