

Recombinant Human S100 Calcium Binding Protein A11, His-tagged

Cat. No. S100A11-5480H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant HumanS100A11 is expressed in E. coli having a molecular weight of 17kDa fused toan amino terminal hexahistidine tag.
Species	Human
Source	E.coli
Description	Protein S100A11 is a protein that in humans is encoded bythe S100A11 gene. The protein encoded by this gene is a member of the S100A11family of proteins containing 2 EF-hand calcium-binding motifs. S100A11proteins are localized in the cytoplasm and/or nucleus of a wide range ofcells, and involved in the regulation of a number of cellular processes suchas cell cycle progression and differentiation.
Form	The protein isconcentrated in a liquid (1.96 mg/ml) containing in PBS/50% glycerol.
Purity	Greater than95%(SDS-PAGE).2 bands on Western blot at 17 and 34 kDa,respectively representingmonomeric and dimeric form.
Molecular Weight	17 kDa
Storage	Store at 2-4°C ifentire vial will be used within 1-2 weeks. Store, frozen at -20°C forlonger periods oftime. Please avoid freeze-thaw cycles.
OfficialSymbol	S100A11

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GENE INFORMATION

Gene Name	S100A11 S100 calcium bindingprotein A11 [Homo sapiens]
Synonyms	S100A11;S100 calcium binding protein A11; MLN70; S100C; proteinS100-A11; calgizzarin; protein S100-C; metastatic lymph node gene 70 protein;S100 calcium-binding protein A11 (calgizzarin); ProteinS100-A11; Calgizzarin; Metastatic lymph nodegene 70 protein; Protein S100-C; OTTHUMP00000015271
Gene ID	6282
mRNA Refseq	NM_005620
Protein Refseq	NP_005611
MIM	603114
UniProt ID	P31949
Chromosome Location	1q21
Function	S100 beta binding; calciumion binding; calcium-dependent protein binding; protein binding; proteinhomodimerization activity
Rendering based onPDB 1V4Z.	

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