

# Recombinant Human S100 calcium binding protein A11, His-tagged

**Cat. No.** S100A11-284H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	S100A11 is expressed in E. coli with an amino-terminal hexahistidine tag.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	The S100 family of proteins contain two EF-hand calcium-binding motifs and are thought to be involved in the regulation of a number of cellular processes including cell cycle progression and differentiation. This protein may function in motility, invasion and tubulin polymerisation.
<b>Molecular Weight</b>	17kDa
<b>Purity</b>	>95% by SDS-PAGE
<b>Storage</b>	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">S100A11 S100 calcium binding protein A11 [ Homo sapiens ]</a>
<b>Synonyms</b>	Calgizzarin; S100C; S100A11; MLN70; S100 calcium binding protein A11; OTTHUMP00000015271; S100 calcium-binding protein A11 (calgizzarin); MLN 70;

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Protein S100C; S100 calcium binding protein A11 (calgizzarin); S100 calcium-binding protein A11.

**Gene ID** 6282

**mRNA Refseq** NM\_005620

**Protein Refseq** NP\_005611

**MIM** 603114

**UniProt ID** P31949

**Chromosome Location** 1q21

**Function** S100 beta binding; calcium ion binding; calcium-dependent protein binding; protein homodimerization activity

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