

## S100A11

### Recombinant Human S100 Calcium Binding Protein A11 His

<b>Catalog No.</b>	CRS131A CRS131B CRS131C	<b>Quantity:</b>	2 µg 10 µg 1.0 mg
<b>Alternate Names:</b>	Protein S100-A11, S100 calcium-binding protein A11, Calgizzarin, MLN 70, S100A11, MLN70, S100C.		
<b>Description:</b>	S100A11 is a member of the S100 family of proteins which contains two EF-hand calcium-binding motifs and is thought to be involved in the regulation of a number of cellular processes including cell cycle progression and differentiation. S100A11 may function in motility, invasion and tubulin polymerization. S100 proteins are localized either in the cytoplasm or the nucleus of a wide range of cells. There are at least 13 members in the S100 gene family, which are located as a cluster on chromosome 1q21. Chromosomal rearrangements and altered expression of S100A11 have been implicated in tumor metastasis.		
<b>Gene ID:</b>	6282		
<b>Source:</b>	<i>E. coli</i>		
<b>Molecular Weight:</b>	17 kDa		
<b>Formulation:</b>	S100-A11 is supplied in PBS / 50% glycerol.		
<b>Purity:</b>	Greater than 95% as determined by SDS-PAGE. 2 bands on Western blot at 17 and 34 kDa, respectively representing monomeric and dimeric form		
<b>Storage &amp; Stability:</b>	Store at 4°C if entire vial will be used within 1-2 weeks. Store, frozen at -20°C for longer periods of time. <b>Avoid multiple freeze-thaw cycles.</b>		
<b>Applications:</b>	S100A11 can be used directly as a positive control in Western blotting, ELISA, immunoprecipitation and other immunological experiments. The biological activity of this product has not yet been tested		

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**

