
Product Data Sheet

Product Name: S100A11 Human
Cat. No.: GP24466
Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Protein S100-A11; S100 calcium-binding protein A11; Calgizzarin; MLN 70; S100A11; MLN70; S100C.		
Formulation	S100A11 is supplied in PBS and 50% glycerol.		

Introduction

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 polymerisation. 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.

Stability

Store at 4°C if entire vial will be used within 1-2 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.

Background

S100A11 Human Recombinant is expressed in E. coli having a molecular weight of 17kDa fused to an amino terminal hexahistidine tag.

Caution: Product has not been fully validated for medical applications. For research use only.

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