

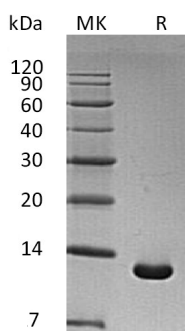
Product Name: Recombinant Human S100A6 (N-6His)
Catalog #: PEH1457



概述 (Summary)

英文全称	S100A6/Protein S100-A6
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human S100 Calcium Binding Protein A is produced by our E.coli expression system and the target gene encoding Met1-Gly90 is expressed with a 6His tag at the N-terminus.
Accession #	P06703
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	12.5 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, 20% Glycerol, 1mM EDTA, pH 8.0.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	

电泳图 (SDS-PAGE image)



背景 (Background)

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分子别名 (Alternative Names)

S100A6;Protein S100-A6;Calcyclin;Growth factor-inducible protein 2A9;MLN 4;Prolactin receptor-associated protein;PRA;S100 calcium-binding protein A6;CACY

背景介绍 (References)

S100A6, also known as Protein S100-A6, Calcyclin, Growth factor-inducible protein 2A9, MLN 4, Prolactin receptor-associated protein, PRA, S100 calcium-binding protein A6 and CACY, is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are a family of low molecular weight protein found in vertebrates and localized in the cytoplasm and/or nucleus of a wide range of cells. S100 proteins are involved in a number of fundamental biological processes such as protein phosphorylation, transcription factors, the dynamics of cytoskeleton constituents, enzyme activities, cell growth and differentiation, the inflammatory response, cell cycle progression and differentiation, stimulation of Ca²⁺-dependent insulin release, stimulation of prolactin secretion, and exocytosis. Chromosomal rearrangements and altered expression of this gene have been implicated in melanoma. S100A6 may function as calcium sensor and modulator, contributing to cellular calcium signaling. It may function by interacting with other proteins, such as TPR-containing proteins, and indirectly play a role in many physiological processes such as the reorganization of the actin cytoskeleton and in cell motility.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.