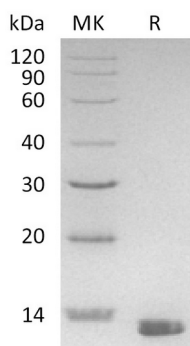


概述 (Summary)

英文全称	Protein S100-A13/S100A13
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 Protein S100-A13 is produced by our E.coli expression system and the target gene encoding Ala2-Lys98 is expressed.
Accession #	Q99584
蛋白标签 (Tag)	
表达宿主 (Host)	E.coli
种属 (Species)	Human
预测分子量 (Predicted MW)	11.3 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of 50mM Tris-HCl, 1mM CaCl ₂ , 0.1% Tween-20, pH8.0.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped at ambient temperature. 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)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图 (SDS-PAGE image)

Product Name: Recombinant Human S100A13
Catalog #: PEH1390



背景 (Background)

分子别名 (Alternative Names)

Protein S100-A13;S100A13;S100 calcium-binding protein A13;

背景介绍 (References)

S100A13 is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. It is widely expressed in various types of tissues with a high expression level in thyroid gland. In smooth muscle cells, this protein co-expresses with other family members in the nucleus and in stress fibers, suggesting diverse functions in signal transduction. It plays a role in the export of proteins that lack a signal peptide and are secreted by an alternative pathway. It binds two calcium ions per subunit and one copper ion. Binding of one copper ion does not interfere with calcium binding. It is required for the copper-dependent stress-induced export of IL1A and FGF1. The calcium-free protein binds to lipid vesicles containing phosphatidylserine, but not to vesicles containing phosphatidylcholine.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.