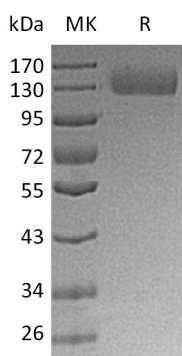


概述 (Summary)

英文全称	Integrin alpha-5/CD49e
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 Integrin α-5 is produced by our Mammalian expression system and the target gene encoding Phe42-Tyr995 is expressed with a 6His tag at the C-terminus.
Accession #	P08648
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	105.11 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
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 ITGA5 (C-6His)
Catalog #: PHH0960



背景 (Background)

分子别名 (Alternative Names)

Integrin Alpha-5; CD49 Antigen-Like Family Member E; Fibronectin Receptor Subunit Alpha; Integrin Alpha-F; VLA-5; CD49e; ITGA5; FNRA

背景介绍 (References)

Integrin α -5 belongs to the Integrin α chain family and contains 7 FG-GAP repeats. Integrin α -5 joins with Integrin- β 1 to form a fibronectin and laminin receptor which recognizes the sequence R-G-D in its ligands. In case of HIV-1 infection, the interaction with extracellular viral Tat protein seems to enhance angiogenesis in Kaposi sarcoma lesions. It is expressed on fibroblasts, endothelial cells, peripheral T cells and platelets. Integrin α -5 undergoes post-translational cleavage in the extracellular domain to yield disulfide-linked light and heavy chains. In addition to adhesion, ITGA5 participates in cell-surface mediated signalling.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.