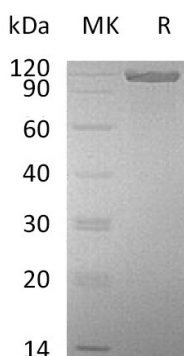


概述 (Summary)

英文全称	ALCAM/CD166
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 Mouse Activated Leukocyte Cell Adhesion Molecule is produced by our Mammalian expression system and the target gene encoding Trp28-Lys527 is expressed with a human IgG1 Fc tag at the C-terminus.
Accession #	Q61490
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Mouse
预测分子量 (Predicted MW)	84.2 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
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)	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
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 Mouse ALCAM (C-Fc)
Catalog #: PHM0031



背景 (Background)

分子别名 (Alternative Names)

CD166 antigen; cluster of differentiation 166; CD166; activated leucocyte cell adhesion molecule; CD6 ligand; Protein DM-GRASP; CD6L; MEMD

背景介绍 (References)

Activated leukocyte cell adhesion molecule (ALCAM), also named as CD166 and MEMD, is a type I transmembrane glycoprotein of immunoglobulin superfamily, which mediates homotypic and heterotypic interactions between cells. ALCAM interacts with high affinity with CD6 molecule but weaker homotypic (ALCAM-ALCAM) interactions have also been described. ALCAM-CD6 interactions play an important role in the maintenance of T cell activation, proliferation as well as in formation of immune synapse between antigen-presenting cell and lymphocytes. ALCAM is expressed on a wide variety of cells, particularly on activated lymphocytes, dendritic cells and monocytes, and on various epithelial cell types. It is also involved in multiple processes including embryogenesis, hematopoiesis, angiogenesis, and immune response. While expressed in a wide variety of tissues, ALCAM is usually restricted to subsets of cells in most adult tissues. Recently studies showed ALCAM has prognostic relevance in several human carcinomas, and it has been used as a biomarker for several tumor entities, including melanoma, gynecologic, urologic, and gastrointestinal cancers.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.