

Active Recombinant Human AMICA1 Protein, Fc Chimera

Cat. No. AMICA1-839H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human AMICA1 (Accession # NP_694938), fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Human
Source	Mammalian Cells
Predicted N Terminal	Leu10
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of BT-20 human breast cancer cells. When 5×10^4 cells/well are added to rhAMICA/Fc Chimera coated plates (10 µg/mL, 100 µL/well), approximately 55% - 75% will adhere after 1 hour at 37° C. Similar results were obtained using HeLa, A549, and T84 cell-lines. Optimal dilutions should be determined by each laboratory for each application.
Molecular Mass	Recombinant Human AMICA1, Fc Chimera has a calculated MW of 55.5 kDa (monomer). In SDS-PAGE migrates as 65-70 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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Reconstitution Reconstitute at 0.2 mg/mL in sterile, deionized water.

GENE INFORMATION

Gene Name [AMICA1 adhesion molecule, interacts with CXADR antigen 1 \[Homo sapiens \]](#)

Official Symbol AMICA1

Synonyms

AMICA1; adhesion molecule, interacts with CXADR antigen 1; junctional adhesion molecule-like; AMICA; Gm638; adhesion molecule AMICA; junctional adhesion molecule; dendritic cell-specific protein CREA7-1; dendritic-cell specific protein CREA7-1; dendritic-cell specific protein CREA7-4; adhesion molecule interacting with CXADR antigen 1; adhesion molecule that interacts with CXADR antigen 1; JAML; CREA7-1; CREA7-4; FLJ37080; MGC118814; MGC118815;

Gene ID [120425](#)

mRNA Refseq [NM_001098526](#)

Protein Refseq [NP_001091996](#)

MIM [609770](#)

UniProt ID Q86YT9

Chromosome Location 11q23.3

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