

## Recombinant Rat Alcam, Fc tagged

**Cat. No.** Alcam-18R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Alcam (O35112) (Met1-Lys527), fused with the Fc region of human IgG1 at the C-terminus, was produced in Human Cells.
<b>Source</b>	Human Cells
<b>Species</b>	Rat
<b>Tag</b>	Fc
<b>Predicted N Terminal</b>	Trp 28
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant rat ALCAM/Fc is a disulfide-linked homodimer. The reduced monomer comprises 741 amino acids and has a predicted molecular mass of 83.1 kDa. The apparent molecular mass of the protein is approximately 94 kDa in SDS-PAGE under reducing condi
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	>95 % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.

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**Storage**

Store it under sterile conditions at -20oC~70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4oC before opening to recover the entire contents.

**GENE INFORMATION**

**Gene Name** Alcam activated leukocyte cell adhesion molecule [ *Rattus norvegicus* ]

**Official Symbol** Alcam

**Gene ID** 79559

**mRNA Refseq** NM\_031753

**Protein Refseq** NP\_113941

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