

Active Recombinant Rat Alcam protein(Met1-Lys527), His-tagged

Cat. No. Alcam-7465R **Lot. No.** (See product label)

SPECIFICATION

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|-------------------------|--|
| Product Overview | Recombinant Rat Alcam protein(O35112)(Met1-Lys527), fused with C-terminal His tag, was expressed in HEK293. |
| Source | HEK293 |
| Species | Rat |
| Tag | C-His |
| Protein length | Met1-Lys527 |
| Form | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. |
| Molecular Mass | The recombinant rat ALCAM comprises 511 amino acids and predicts a molecular mass of 57.5 kDa. The apparent molecular mass of the recombinant protein is approximately 68-91 kDa in SDS-PAGE under reducing conditions due to glycosylation. |
| Endotoxin | < 1.0 EU per µg of the protein as determined by the LAL method |
| Purity | > 98 % as determined by SDS-PAGE |
| Storage | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be |

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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 of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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|------------------------|---|
| Gene Name | Alcam activated leukocyte cell adhesion molecule [<i>Rattus norvegicus</i>] |
| Official Symbol | Alcam |
| Synonyms | ALCAM; activated leukocyte cell adhesion molecule; CD166 antigen; HB2; KG-CAM; SB-10 antigen; |
| Gene ID | 79559 |
| mRNA Refseq | NM_031753 |
| Protein Refseq | NP_113941 |

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