

## Recombinant Rat Alcam protein, His-tagged

**Cat. No.** Alcam-507R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat Alcam (O35112) aa. (Trp28~Lys527) fused with N-terminal His tag was produced in E. coli cells.                                                                                                                                                                                                                      |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                                                                                                 |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | Trp28~Lys527                                                                                                                                                                                                                                                                                                                        |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 58kDa                                                                                                                                                                                                                                                                                                     |
| <b>Endotoxin</b>        | <1.0EU per 1g (determined by the LAL method)                                                                                                                                                                                                                                                                                        |
| <b>Purity</b>           | > 95%                                                                                                                                                                                                                                                                                                                               |
| <b>Characteristic</b>   | The isoelectric point is 5.5.                                                                                                                                                                                                                                                                                                       |
| <b>Applications</b>     | SDS-PAGE; WB; ELISA; IP                                                                                                                                                                                                                                                                                                             |
| <b>Stability</b>        | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |

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|                |                                                                                                            |
|----------------|------------------------------------------------------------------------------------------------------------|
| <b>Storage</b> | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. |
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| <b>Storage buffer</b> | PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl. |
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| <b>Reconstitution</b> | Reconstitute in sterile PBS, pH7.2-pH7.4 |
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## GENE INFORMATION

|                  |                                                                                     |
|------------------|-------------------------------------------------------------------------------------|
| <b>Gene Name</b> | Alcam activated leukocyte cell adhesion molecule [ Rattus norvegicus (Norway rat) ] |
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| <b>Official Symbol</b> | Alcam |
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| <b>Synonyms</b> | Alcam; activated leukocyte cell adhesion molecule; CD166 antigen; HB2; KG-CAM; SB-10 antigen |
|-----------------|----------------------------------------------------------------------------------------------|

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| <b>Gene ID</b> | 79559 |
|----------------|-------|

|                    |             |
|--------------------|-------------|
| <b>mRNA Refseq</b> | NM_031753.1 |
|--------------------|-------------|

|                       |             |
|-----------------------|-------------|
| <b>Protein Refseq</b> | NP_113941.1 |
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|                   |        |
|-------------------|--------|
| <b>UniProt ID</b> | O35112 |
|-------------------|--------|

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