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

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

SPECIFICATION

Product Overview	Recombinant Rat Alcam protein(O35112)(Met1-Lys527), fused with C-terminal His tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	Met1-Lys527
similar	Alcam
Alias	ALCAM; activated leukocyte cell adhesion molecule; CD166 antigen; HB2; KG-CAM; SB-10 antigen;
Conjugate	C-His
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bioactivity	
MolecularMass	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

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	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 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.
GeneName	Alcam activated leukocyte cell adhesion molecule [Rattus norvegicus]
GeneNameWeblink	79559
OfficialSymbol	Alcam
OfficialSymbolWeblink	79559
GeneID	79559
GeneIDWeblink	79559
mRNARefseq	NM_031753
mRNARefseqWeblink	NM_031753.1
ProteinRefseqWeblink	NP_113941.1

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MIMWeblink	
UniProtID	
UniProtIDWeblink	

GENE INFORMATION

Synonyms	ALCAM; activated leukocyte cell adhesion molecule; CD166 antigen; HB2; KG-CAM; SB-10 antigen;
MIM	

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