

Recombinant Full Length Rat Cd166 Antigen(Alcam) Protein, His-Tagged

Cat. No. RFL-36418RF **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Rat CD166 antigen(Alcam) Protein (O35112) (28-583aa), fused to N-terminal His tag, was expressed in E. coli.

Species

Rat

Source

E.coli

ProteinLength

Full Length of Mature Protein (28-583)

Form

Lyophilized powder

AA Sequence

WYTVNSAYGDTIVMPCRLDVPQNL MFGKWKYEKPDGSPVFI AFRSSTKKS VQYDDV
 PEYKDRLSLS ENYTL S INNAKISDEKRFVCMLVTE DNVFEAP TLVKVFKQPSKPEIVN
 RAAFL ETEQLK KLGDCIS RDSY PDGNITWYRNGKVLQPVDGEVSILFKKEIDPGTQLY
 TMTSSLE YKTTKSDIQMPFTCSVTYYGPSGQKTIYSEQAIFDIYYPT EQVTIQVLP PKN
 AIKEGDNITLQCLGN GNPPPEEFMFYLPGQAEGIRSSNTYTLTDVRRNATGDYKCSLI
 DQRNMAASTTITVHYLDLSLNPSGEVTKQIGDTLPVSCTISASRNATV VWMKDNIRLR
 SSPSFSSLHYQDAGNYVCETALQEVEGLKKRESLTLIVEGKPKQIKMTKKTDPSGLSK
 TIICHVEGF PKPAIQWTITGSGSVINQTEESPYINGRYYSKIIISPEENVTLTCTAENQLE
 RTVNSLNVSAIS IPEHDEADDISDENREK VNDQAKLIVGIVVGLLLAALVAGVVYWL Y
 MKKSKTAS KHVNKDLGNMEENK KLEENNHKTEA

Purity

Greater than 90% as determined by SDS-PAGE.

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	Alcam
Synonyms	Alcam; CD166 antigen; Activated leukocyte cell adhesion molecule; HB2; KG-CAM; Protein MEMD; SB-10 antigen; CD antigen CD166
UniProt ID	O35112

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