Active Recombinant Mouse Cxadr protein(Met1-Gly237), His&hFc-tagged

Cat. No. Cxadr-676M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse CXADR (NP_001020363.1)(Met 1-Gly 237) was expressed in HEK293, fused with the C-terminal polyhistidine-tagged Fc region of Human IgG1 at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Gly237
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of mouse neutrophils. When 5 x 10E4 cells/well are added to CXADR-coated plates (4 μg/ml and 100 μl/well), approximately 20%-40% will adhere specifically after 60 minutes at 37°C.
Molecular Mass	The recombinant mouse CXADR/Fc is a disulfide-linked homodimer. The reduced monomer consists of 466 amino acids and has a predicted molecular mass of 52 kDa. As a result of glycosylation, the apparent molecular mass of rm CXADR/Fc monomer migRates with an apparent molecular mass of 60-65 kDa in SDS-PAGE under reducing conditions.

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Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 92 % 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.

GENE INFORMATION

Gene Name	Cxadr coxsackie virus and adenovirus receptor [Mus musculus]
Official Symbol	Cxadr
Synonyms	CXADR; coxsackie virus and adenovirus receptor; coxsackievirus and adenovirus receptor homolog; CAR; MCAR; MCVADR; AU016810; AW553441; 2610206D03Rik;
Gene ID	13052
mRNA Refseq	NM_001025192
Protein Refseq	NP_001020363

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