

Active Recombinant Human CXADR Protein, Fc-tagged

Cat. No. CXADR-001H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human CXADR (Leu20 - Gly237) protein with a human IgG1 (Pro100 - Lys330) Fc tag at C-terminus was expressed in mouse myeloma cell line. Disulfide-linked homodimer.
Species	Human
Source	Mammalian Cells
ProteinLength	20-237 a.a.
Description	The protein encoded by this gene is a type I membrane receptor for group B coxsackieviruses and subgroup C adenoviruses. Several transcript variants encoding different isoforms have been found for this gene. Pseudogenes of this gene are found on chromosomes 15, 18, and 21.
Predicted N Terminal	Leu20
Bio-activity	Measured by the ability of the immobilized protein to support the adhesion of human monocyte-derived dendritic cells. When 5×10^4 cells/well are added to rhCXADR/Fc Chimera coated plates (10 μ g/mL), approximately 25%-45% will adhere after 30 minutes of
Molecular Mass	60-65 kDa, reducing conditions
Endotoxin	<0.10 EU per 1 μ g of the protein by the LAL method.

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Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.
Storage Buffer	Lyophilized from a 0.2 µm filtered solution in PBS.
Reconstitution	Reconstitute at 100 µg/mL in sterile PBS.

GENE INFORMATION

Gene Name	CXADR CXADR Ig-like cell adhesion molecule [Homo sapiens (human)]
Official Symbol	CXADR
Synonyms	CXADR; CXADR Ig-like cell adhesion molecule; CAR; HCAR; CAR4/6; coxsackievirus and adenovirus receptor; 46 kD coxsackievirus and adenovirus receptor (CAR) protein; CVB3-binding protein; HCVADR; coxsackie virus and adenovirus receptor; coxsackievirus B-ade
Gene ID	1525
mRNA Refseq	NM_001338
Protein Refseq	NP_001329
MIM	602621
UniProt ID	P78310

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