

Active Recombinant Human CXADR protein, His&hFc-tagged

Cat. No. CXADR-3250H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human CXADR protein(NP_001329.1)(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	Human
Source	HEK293
ProteinLength	1-237 aa
Form	Lyophilized from sterile PBS, pH 7.4.
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 human 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 rh CXADR/Fc monomer migrates with an apparent molecular mass of 60-65 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.

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Purity	> 92 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities 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

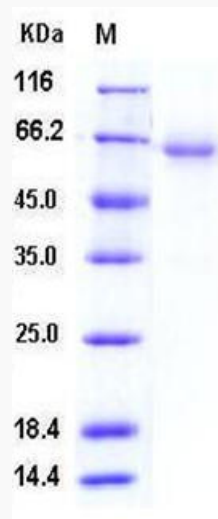
Gene Name	CXADR coxsackie virus and adenovirus receptor [Homo sapiens]
Official Symbol	CXADR
Synonyms	CXADR; coxsackie virus and adenovirus receptor; coxsackievirus and adenovirus receptor; CAR; HCVADR; CVB3-binding protein; coxsackievirus B-adenovirus receptor; 46 kD coxsackievirus and adenovirus receptor (CAR) protein; HCAR; CAR4/6;
Gene ID	1525
mRNA Refseq	NM_001207063
Protein Refseq	NP_001193992
MIM	602621
UniProt ID	P78310

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SDS-PAGE



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