

Coxsackievirus and Adenovirus Receptor/CAR/CXADR Recombinant Protein | CAR/CXADR recombinant protein

Recombinant Human Coxsackievirus and Adenovirus Receptor/CAR/CXADR Protein (C-6His)

CATALOG # AAA174013	HOST HEK293 Cells
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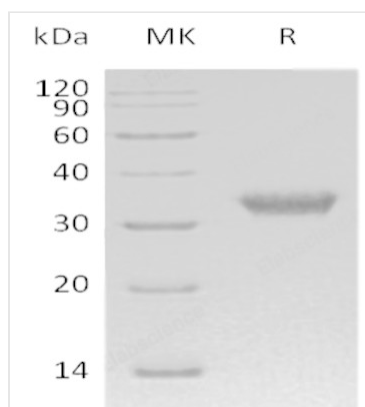
PRODUCT SYNONYMS

Coxsackievirus and Adenovirus Receptor/CAR/CXADR; Recombinant Human Coxsackievirus and Adenovirus Receptor/CAR/CXADR Protein (C-6His); Coxsackievirus and Adenovirus Receptor; CAR; hCAR; CVB3-Binding Protein; Coxsackievirus B-Adenovirus Receptor; HCVADR; CXADR; CAR/CXADR recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 Cells
Purity/Purification	>95% as determined by reducing SDS-PAGE.
Form/Format	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
Sequence Positions	Leu20-Gly237
Sequence Length	252
Species	Human
Endotoxin	<1.0 EU per µg of the protein as determined by LAL test.
Tag	C-6His
Reconstitution	We recommend centrifuging the vial before opening to bring the contents to the bottom. Do not mix by vortex. It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25mg/mL. Concentration is measured by UV-Vis.
Preparation and Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20°C to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

IMAGES


WB (Western Blot)

> 95 % as determined by reducing SDS-PAGE.

ADDITIONAL INFORMATION

Related Product Information for CAR/CXADR recombinant protein	Coxsackievirus and Adenovirus Receptor (CAR) belongs to the CTX family of the Ig superfamily. CXADR is a type I transmembrane glycoprotein and expressed in pancreas, brain, heart, small intestine, testis, prostate. It is a receptor that mediates gene transfer and also act as an adhesion molecule within junctional complexes, notably between epithelial cells lining body cavities and within myocardial intercalated discs. CXADR contains an extracellular domain, a transmembrane helix and a C-terminal intracellular domain. The C-terminal interacts with few cytoplasmic junctional proteins, microtubules and the actin cytoskeleton.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	333470703
NCBI GeneID	1525
NCBI Accession #	NP_001193992.1
NCBI GenBank Nucleotide #	NM_001207063.1
UniProt Accession #	P78310; O00694; Q8WWT6; Q8WWT7; Q8WWT8; Q9UKV4; B2R8V8; B7WPI3; D3YHP0
Molecular Weight	Calculated MW: 25.1kDa Observed MW: 32kDa
NCBI Official Full Name	coxsackievirus and adenovirus receptor isoform 2
NCBI Official Synonym Full Names	CXADR, Ig-like cell adhesion molecule
NCBI Official Symbol	CXADR
NCBI Official Synonym Symbols	CAR; HCAR; CAR4/6
NCBI Protein Information	coxsackievirus and adenovirus receptor
UniProt Protein Name	Coxsackievirus and adenovirus receptor
UniProt Gene Name	CXADR
UniProt Synonym Gene Names	CAR; CAR; hCAR

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/cxadr-recombinant-protein-hek293-cells/174013>