Recombinant Human coxsackie virus and adenovirus receptor, His-tagged

Cat. No. CXADR-247H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CXADR, 20-237aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	20-237 a.a.
Description	CXADR 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. Recombinant human CXADR protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT.
Molecular Mass	26 kDa (241aa), confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSLSITTPE EMIEKAKGET AYLPCKFTLS PEDQGPLDIE WLISPADNQK VDQVIILYSG DKIYDDYYPD LKGRVHFTSN DLKSGDASIN VTNLQLSDIG TYQCKVKKAP GVANKKIHLV VLVKPSGARC YVDGSEEIGS DFKIKCEPKE GSLPLQYEWQ KLSDSQKMPT SWLAEMTSSV ISVKNASSEY SGTYSCTVRN RVGSDQCLLR LNVVPPSNKA G

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Purity	>90% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml (determined by Bradford assay)

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
Chromosome Location	21q21.1
Pathway	Adaptive Immune System, organism-specific biosystem; Cell surface interactions at

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	the vascular wall, organism-specific biosystem; Hemostasis, organism-specific biosystem; Immune System, organism-specific biosystem; Immunoregulatory interactions between a Lymphoid and a non-Lymphoid cell, organism-specific biosystem; Viral myocarditis, organism-specific biosystem;
Function	PDZ domain binding; beta-catenin binding; cell adhesion molecule binding; connexin binding; identical protein binding; protein binding; receptor activity; receptor binding;

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