
Product Data Sheet

Product Name: CXADR Human
 Cat. No.: GP23280
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Coxsackie Virus And Adenovirus Receptor; CAR; 46 KD Coxsackievirus And Adenovirus Receptor (CAR) Protein 11; Coxsackievirus B-Adenovirus Receptor; HCVADR; CVB3-Binding Protein; CAR4/6; HCAR.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSLSTITPE EMIEKAKGET AYLPCCKFTLS PEDQGPLDIE WLISPADNQK VDQVIILYSG DKYDDYYPD LKGRVHFTSN DLKSGDASIN VTNLQLSDIG TYQCKVKKAP GVANKKIHLV VLVKPSGARC YVDGSEEIGS DFKIKCEPKE GSLPLQYEWQ KLSDSQKMPT SWLAEMTSSV ISVKNASSEY SGTYSCTVRN RVGSDQCLLR LNVVPPSNKA G.		
Formulation	The CXADR solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 10% glycerol.		

Introduction

CXADR is a component of the epithelial apical junction complex which operates as an homophilic cell adhesion molecule and is crucial for tight junction integrity. CXADR also takes part in transepithelial relocation of leukocytes through adhesive interactions with AMICA1/JAML a transmembrane protein of the plasma membrane of leukocytes. A number of transcript variants encoding different isoforms were identified for this gene. Pseudogenes of this gene were located on chromosomes 15, 18, and 21.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

CXADR Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide

Caution: Product has not been fully validated for medical applications. For research use only.

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chain containing 241 amino acids (20-237) and having a molecular mass of 26.0kDa. CXADR is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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