

32-3641: CXADR Recombinant Protein

Alternative Name : 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.

Description

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

Product Info

Amount : 20 µg
Purification : Greater than 90% as determined by SDS-PAGE.
Content : The CXADR solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 1mM DTT and 10% glycerol.
Storage condition : 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.
Amino Acid : MGSSHHHHHH SGLVPRGSH MGSLSITPE EMIEKAKGET AYLPCFRTL PEDQGPLDIE WLISPADNQG VDQVIILYSG DKYDDYYPD LKGRVHFTSN DLKSGDASIN VTNLQLSDIG TYQCKVKKAP GVANKKIHLV VLVKPSGARC YVDGSEEIGS DFKIKCEPKE GSLPLQYEWQ KLSDSQKMPT SWLAEMTSSV ISVKNASSEY SGTYSCTVRN RVGSDQCLLR LNVVPPSNKA G.

