

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

**Cat.NO.: TP04859**

3th Edition

**Synonyms:**Coxsackievirus and Adenovirus Receptor; CAR; hCAR; CVB3-Binding Protein; Coxsackievirus B-Adenovirus Receptor; HCVADR; CXADR; CAR

**Description:**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.

**Form:**PBS

**Molecular Weight:**25.1 kDa

**Sequences:**Leu20-Gly237

**Purity:**> 95% by HPLC

**Concentration:**

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.