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Datasheet for ABIN7538210

Coxsackie Adenovirus Receptor Protein (AA 20-237) (His tag)

1 Image

Overview

Quantity:	50 µg
Target:	Coxsackie Adenovirus Receptor (CXADR)
Protein Characteristics:	AA 20-237
Origin:	Mouse
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Coxsackie Adenovirus Receptor protein is labelled with His tag.

Product Details

Purpose:	Recombinant mouse CXADR protein with C-terminal 6xHis tag
Specificity:	Mouse CXADR (Leu20-Gly237) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	Coxsackie Adenovirus Receptor (CXADR)
Alternative Name:	CXADR (CXADR Products)
Background:	This gene encodes a protein that is part of the Cortical Thymocyte marker in Xenopus (CTX)

Target Details

subfamily within the immunoglobulin superfamily. Members of this subfamily, predominantly expressed on the surface of endothelial and epithelial cells, help establish cell polarity and provide a barrier function, regulating migration of immune cells. This protein, first identified as the receptor for adenovirus subgroup C and coxsakieviruses group B, is developmentally regulated and plays an important role in cardiac development. Alternative splicing results in multiple transcript variants that encode different protein isoforms. [provided by RefSeq, Jan 2013]

Molecular Weight: predicted molecular mass of 24.9 kDa after removal of the signal peptide. The apparent molecular mass of mCXADR-His is 15-35 kDa due to glycosylation.

UniProt: [P97792](#)

Pathways: [Cell-Cell Junction Organization](#)

Application Details

Restrictions: For Research Use only

Handling

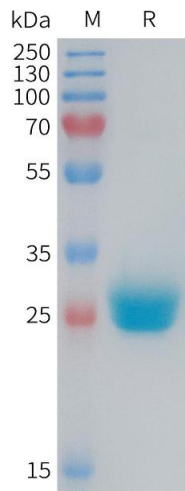
Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



SDS-PAGE

Image 1. Mouse CXADR Protein, His Tag on SDS-PAGE under reducing condition.