MOUSE CXADR PROTEIN, HIS TAG

Cat.#: 12207

Product Name: Mouse CXADR Protein

Size : 10 μg, 50 μg and 100 μg

Synonyms: CAR;MCAR;MCVADR

Target: CXADR

UNIPROT ID: P97792

Description: Recombinant mouse CXADR protein with C-terminal 6xHis tag

Background: This gene encodes a protein that is part of the Cortical Thymocyte marker in Xenopus (CTX) 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]

Species/Host: HEK293

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

Molecular Characterization: Mouse CXADR(Leu20-Gly237) 6×His tag

Purity: The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: 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.

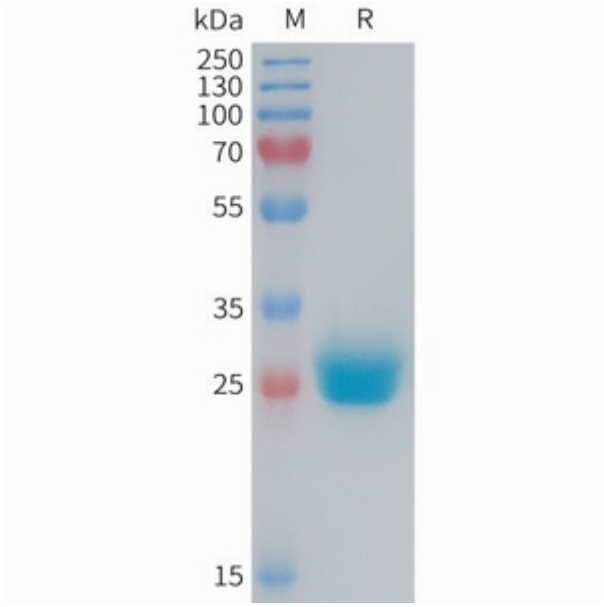

Figure 1. Mouse CXADR Protein, His Tag on SDS-PAGE under reducing condition.