PRODUCT INFORMATION

Target	CXADR
Synonyms	CAR;MCAR;MCVADR
Description	Recombinant mouse CXADR protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	P97792
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	Mouse CXADR(Leu20-Gly237) 6×His tag
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.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
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.
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]
Usage	Research use only
Conjugate	Unconjugated

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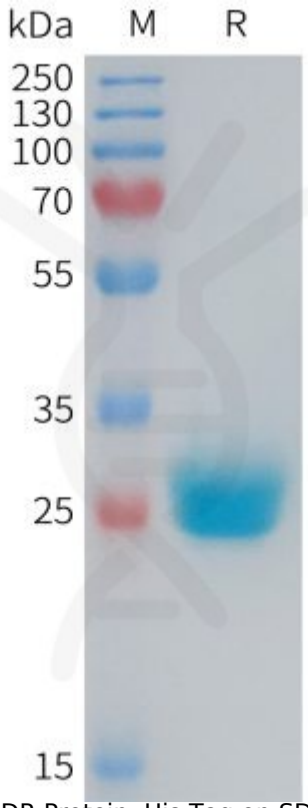


Figure 1. Mouse CXADR Protein, His Tag on SDS-PAGE under reducing condition.

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