Recombinant human CXADR protein

Catalog Number: ATGP2201

PRODUCT INFORMATION

Expression system
E.coli

Domain
20-237aa

UniProt No.
P78310

NCBI Accession No.
NP_001329

Alternative Names
Coxsackievirus and adenovirus receptor isoform 1, CAR; CAR4/6; HCAR

PRODUCT SPECIFICATION

Molecular Weight
26 kDa (241aa) confirmed by MALDI-TOF

Concentration
0.5mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

Purity
> 90% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description
CXADR is a type I membrane receptor for group B coxsackieviruses and subgroup C adenoviruses. Several transcript variants encoding different isoforms have been found for this gene. Pseudogenes of this gene are found on chromosomes 15, 18, and 21. Recombinant human CXADR protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence
MGSSHHHHHH SSGLVPRGSH MGSLSITTPE EMIEKAKGET AYLPCKFTLS PEDQGPLDIE WLISPADNQK VDQVIILYSG

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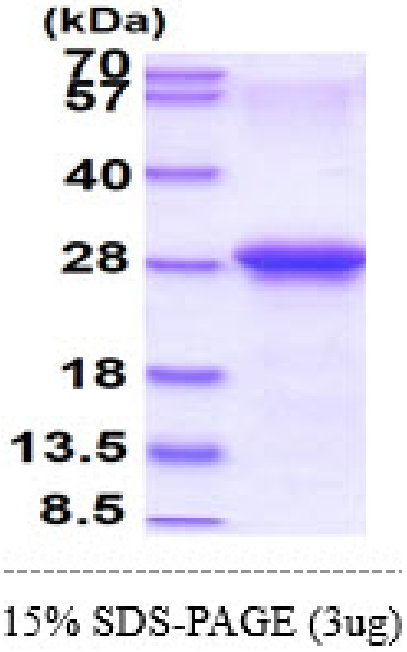
DKIYDDYYPD LKGRVHFTSN DLKSGDASIN VTNLQLSDIG TYQCKVKKAP GVANKKIHLV VLVKPSGARC YVDGSEEIGS DFKIKCEPKE GSLPLQYEWQ KLSDSQKMPT SWLAEMTSSV ISVKNASSEY SGTYSCTVRN RVGSDQCLLR LNVVPPSNKA G

General References

Burckhardt CJ, Suomalainen M, et al. (2011). Cell Host Microbe. 10(2):105-17.
Hussain F, Morton PE, et al. (2011). PLoS One. 6(8):e23056.

DATA

SDS-PAGE



15% SDS-PAGE (3ug)

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.