Recombinant human Nectin-2/CD112 protein

Catalog Number: ATGP3641

PRODUCT INFORMATION

Expression system
Baculovirus

Domain
32-360aa

UniProt No.
Q92692

NCBI Accession No.
NP_001036189

Alternative Names
Nectin-2 isoform delta, NECTIN2, CD112, HVEB, PRR2, PVRL2, PVRR2

PRODUCT SPECIFICATION

Molecular Weight
36.3 kDa (337aa)

Concentration
0.25mg/ml (determined by Bradford assay)

Formulation
Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 10% glycerol

Purity
> 90% by SDS-PAGE

Endotoxin level
< 1 EU per 1ug of protein (determined by LAL method)

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
NECTIN2, also known as nectin-2 isoform delta, is a Ca (2+) -independent cell-cell adhesion molecule that is one of the plasma membrane components of adherens junctions. It is a key player for the establishment of homotypic and heterotypic cell to cell contacts. It is required for exerting the resistance against herpes simplex virus type 2 infection in transfected cells. It is a potential target for antibody therapy of breast and ovarian

cancers. It might be associated with human longevity. Recombinant human NECTIN2, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Amino acid Sequence

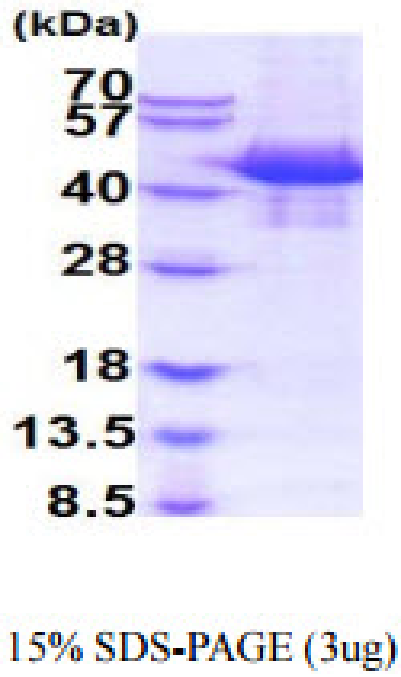
QDVRVQVLPE VRGQLGGTVE LPCHLLPPVP GLYISLVTWQ RPDAPANHQN VAAFHPKMGP SFPSPKPGSE RLSFVSAKQS TGQDTEAELQ DATLALHGLT VEDEGNYTCE FATFPKGSVR GMTWLRVIAK PKNQAEAQKV TFSQDPTTVA LCISKEGRPP ARISWLSSLD WEAKETQVSG TLAGTVTVTS RFTLVPSGRA DGVTVTCKVE HESFEEPALI PVTLSVRYPP EVSISGYDDN WYLGRTDATL SCDVRSNPEP TGYDWSTTSG TFPTSAVAQG SQLVIHAVDS LFNTTFVCTV TNAVGMGRAE QVIFVRETPN TAGAGATGGL EHHHHHH

General References

Devilard E., et al. (2013) PLoS One. 8:e77424.
Oshima T., et al. (2013) Mol Cancer. 12:60.

DATA

SDS-PAGE



15% SDS-PAGE (3ug)

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