
Product Data Sheet

Product Name: NECTIN2 Human
 Cat. No.: GP24027
 Batch No.: 1

Product Data

Purity	>98%	Source	Sf9, Insect cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Nectin-2; Herpes virus entry mediator B; Herpesvirus entry mediator B; HveB; Nectin cell adhesion molecule 2; Poliovirus receptor-related protein 2; CD112; HVEB; PRR2; PVRL2.		
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.		
Formulation	NECTIN2 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.		

Introduction

Nectin Cell Adhesion Molecule 2, also known as NECTIN2, is a Ca(2+)-independent cell-cell adhesion molecule which is one of the plasma membrane components of adherens junctions. NECTIN2 takes a vital part in the establishment of homotypic as well as heterotypic cell to cell contacts. NECTIN2 is essential for resisting herpes simplex virus type 2 infection in transfected cells. NECTIN2 is also a possible target for antibody therapy of breast & ovarian cancers. NECTIN2 might be related with human longevity. Two diseases which have been associated with NECTIN2 are Herpes Simplex and Ovarian Cystic Teratoma.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer

Caution: Product has not been fully validated for medical applications. For research use only.

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periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

NECTIN2 Human Recombinant produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 337 amino acids (32-360a.a.) and having a molecular mass of 36.3kDa (Molecular size on SDS-PAGE will appear at approximately 40-57kDa). NECTIN2 is expressed with an 8 amino acids His tag at C-Terminus and purified by proprietary chromatographic techniques.

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