
Product Data Sheet

Product Name: NECTIN3 Human
 Cat. No.: GP24028
 Batch No.: 1

Product Data

Purity	>98%	Source	Sf9, Insect cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Nectin-3; CDw113; Nectin cell adhesion molecule 3; Poliovirus receptor-related protein 3; CD113; PVRL3; PRR3; NECTIN-3; PVRR3; PPR3.		
Amino Acid Sequence	<p>GPIIVEPHVT AVWGKNVSLK CLIEVNETIT QISWEKIHGK SSQTVAVHHP QYGFSVQGEY QGRVLFKNYS LNDATITLHN IGFSDSGKYI CKAVTFPLGN AQSSTTVTVL VEPTVSLIKG PDSLIDGGNE TVAAICIAAT GKPVAHIDWE GDLGEMESTT TSFPNETATI ISQYKLFPTR FARGRRITCV VKHPALEKDI RYSFILDIQY APEVSVTG YD GNWVFGKGV NLKCNADANP PPFKSVWSRL DGQWPDGLLA SDNTLHFVHP LTFNYSGVYI CKVTNSLGQR SDQKVIYISD PPTTTTLQPT IQWHPSTADI EDLATEPKKL PFPLSTLATI KDDTIATLEH HHHHH.</p>		
Formulation	NECTIN3 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4), 20% glycerol and 1mM DTT.		

Introduction

NECTIN3, also known as Nectin Cell Adhesion Molecule 3, is part of the nectin family. NECTIN3 is intended to initiate cell-cell adhesion to stimulate cell attachment and to allow subsequent formation of JAM-and cadherin-based intercellular junctions. NECTIN3 induces endocytosis-mediated down-regulation of PVR from the cell surface, which results in reduction of cell movement & proliferation. Following Nectin-3 activity adds strength to the junction through trans-interaction with various molecules.

Stability

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

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

Product Data Sheet

NECTIN3 produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 355 amino acids (58-404 a.a.) and having a molecular mass of 39.1kDa (Molecular size on SDS-PAGE will appear at approximately 40-57kDa).NECTIN3 is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA