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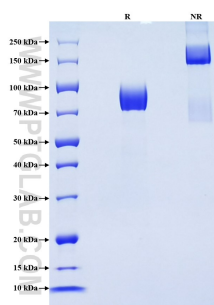
# Recombinant Human Nectin 3 protein (rFc Tag)



Catalog Number: Eg2657

Basic Information	<b>Species:</b> Human	<b>Purity:</b> >90 %, SDS-PAGE	<b>Tag:</b> rFc Tag
Technical Specifications	<b>Purity:</b> >90 %, SDS-PAGE <b>Endotoxin Level:</b> <0.1 EU/ µg protein, LAL method <b>Source:</b> HEK293-derived Human Nectin 3 protein Gly58-Asp400 (Accession# Q9NQS3-1) with a rabbit IgG Fc tag at the C-terminus. <b>GeneID:</b> 25945 <b>Accession:</b> Q9NQS3-1 <b>Predicted Molecular Mass:</b> 63.7 kDa <b>SDS-PAGE:</b> 70-100 kDa, reducing (R) conditions <b>Formulation:</b> Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.		
Biological Activity	Not tested		
Storage and Shipping	<b>Storage:</b> It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. <ul style="list-style-type: none"><li>• Until expiry date, -20°C to -80°C as lyophilized proteins.</li><li>• 3 months, -20°C to -80°C under sterile conditions after reconstitution.</li></ul> <b>Shipping:</b> The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.		
Reconstitution	Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.		
Background	PVRL3, also known as CD113 or Nectin3, belonging to the immunoglobulin-like cellular adhesion molecule family, plays a critical role in Ca <sup>2+</sup> -independent cellular adhesion and is involved in the regulation of the immune system through its interaction with the TIGIT receptor on T cells and Natural Killer (NK) cells. PVRL3 can influence tumor growth and metastasis by modulation of intercellular connections and cell signaling. In particular, in different cancer types (ovarian carcinoma, nasopharyngeal carcinoma, prostate carcinoma, and lung adenocarcinoma). Additionally, evidence suggests that PVRL3 may play a role in the tumor microenvironment, influencing the local immune response and interaction with stromal cells.		
References	<ol style="list-style-type: none"><li>1. Gian Marco Leone. et al. (2024). Cells. 13(15):1299.</li><li>2. Yoshimasa Maniwa. et al. (2012). Thorac Cancer. 3(2):175-181.</li><li>3. Yin Zhao. et al. (2020). Cancer Commun (Lond). 40(12):721-737.</li><li>4. Anastasia V Suhovskih. et al. (2017). Cell Adh Migr. 11(1):39-53.</li><li>5. Baokang Wu. et al. (2021). J Exp Clin Cancer Res. 40(1):267.</li></ol>		
Synonyms	Nectin-3, PVRL3, CD113, nectin 3, Nectin cell adhesion molecule 3		

## Selected Validation Data



Purity of Recombinant Human Nectin 3 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.

For technical support and original validation data for this product please contact

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