

Product datasheet for **TP726615**

Cynomolgus Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Cynomolgus Nectin-4 (C-6His)
Species:	Cynomolgus
Expression cDNA Clone or AA Sequence:	Gly31-Val351
Tag:	C-6His
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Note:	Recombinant Cynomolgus Poliovirus Receptor-Related Protein 4 is produced by our Mammalian expression system and the target gene encoding Gly32-Ser349 is expressed with a 6His tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Synonyms:	PVRL4;Nectin-4;Ig superfamily receptor LNIR;Poliovirus receptor-related protein 4;PRR4;LNIR
Summary:	Nectin-4 (PVRL4) is a type I transmembrane glycoprotein which belongs to the nectin family of Ig superfamily proteins. It contains two Ig-like C2-type domains and one Ig-like V-type domain. PVRL4 seems to be involved in cell adhesion through trans-homophilic and -heterophilic interactions, the latter including specifically interactions with nectin-1. It does not act as receptor for alpha-herpesvirus entry into cells. It is predominantly expressed in placenta, the embryo and breast carcinoma. But it is not detected in normal breast epithelium. The soluble form is produced by proteolytic cleavage at the cell surface (shedding), probably by ADAM17. Mutations in this gene are the cause of ectodermal dysplasia-syndactyly syndrome type 1, an autosomal recessive disorder.



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