

## Product datasheet for **TP720490**

### Nectin 3 (NECTIN3) (NM\_015480) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human poliovirus receptor-related 3 (PVRL3)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Gly58-Cys366
Tag:	C-His
Predicted MW:	35 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM Tris,300mM NaCl,5% Trehalose,pH8.3.
Endotoxin:	< 0.1 EU per µg protein as determined by LAL test
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
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:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	<a href="#">NP_056295</a>
Locus ID:	25945
UniProt ID:	<a href="#">Q9NQS3</a>
Cytogenetics:	3q13.13
Synonyms:	CD113; CDW113; NECTIN-3; PPR3; PRR3; PVRL3; PVRR3



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**Summary:**

This gene encodes a member of the nectin family of proteins, which function as adhesion molecules at adherens junctions. This family member interacts with other nectin-like proteins and with afadin, a filamentous actin-binding protein involved in the regulation of directional motility, cell proliferation and survival. This gene plays a role in ocular development involving the ciliary body. Mutations in this gene are believed to result in congenital ocular defects. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2011]

**Protein Families:**

Druggable Genome, Transmembrane

**Protein Pathways:**

Adherens junction, Cell adhesion molecules (CAMs)

**Product images:**