

### **Protein-protein Complexes in Cell Adhesion**

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Recent structural results will be presented for the extracellular region of receptor protein tyrosine phosphatase  $\mu$  (RPTP $\mu$ ). RPTP $\mu$  mediates stable, homophilic cell adhesion. Strategies to produce well-ordered crystals of the full, multidomain, extracellular region will be described and the resulting insights into homophilic adhesion discussed.

**Keywords: glycoprotein, receptor, protein-protein complex**