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## Product Datasheet

### Recombinant Mouse Nectin-4 (C-Fc) EBT-EPT020

Article Name	Recombinant Mouse Nectin-4 (C-Fc)
Biozol Catalog Number	EBT-EPT020
Supplier Catalog Number	EPT020
Alternative Catalog Number	EBT-EPT020-500
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant Mouse Poliovirus Receptor-Related Protein 4 is produced by our Mammalian expression system and the target gene encoding Gly31-Ile349 is expressed with a Fc tag at the C-terminus....
Molecular Weight	Molecular weight: 61.4 KDa. Apparent molecular weight: 75-85 KDa, reducing conditions
UniProt	<a href="#">Q8R007</a>
Purity	Greater than 95% as determined by reducing SDS-PAGE.

Application Notes

Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test. Background: 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.