

32-8496: Recombinant Human Nectin-4/PVRL4 (C-6His)(Discontinued)

Gene : NECTIN4

Gene ID : 81607

Uniprot ID : Q96NY8

Description

Source: Human Cells.

MW :35.3kD.

Recombinant Human Nectin-4 is produced by our Mammalian expression system and the target gene encoding Gly31-Val351 is expressed with a 6His tag at the C-terminus. 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.

Product Info

Amount : 10 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.

Storage condition : 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.

Amino Acid : GELETSDVVTVLGQDAKLPCFYRGDSGEQVGQVAWARVDAGEGAQELALLHSKYGLHVSPAYEGRVEQPPP
PRNPLDGSVLLRNAVQADEGEYECRVSTFPAGSFQARLRRLVLPPLPSLNPGLPALEEGQGLTLAASCTAEGSP
APSVTWDTEVKGTTSSRSFKHSRSAAVTSEFHLVPSRSMNGQPLTCVSHPGLLQDQRITHILHVSFLAEASVR
GLEDQNLWHIGREGAMKCLSEGQPPPSYNWTRLDGPLPSGVRVDGDTLGFPLTTEHSGIYVCHVSNEFSSR
DSQVTVDVLDLPQEDSGKQVDLVASVVVDHHHHHH

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.