Recombinant Mouse Nectin-4 (C-Fc)

Catalog Number:PKSM041375

Note: Centrifuge before opening to ensure complete recovery of vial contents.

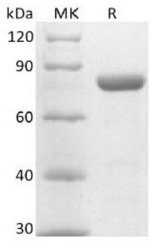
Description

Synonyms	PVRL4;Nectin-4;Ig superfamily receptor LNIR;Poliovirus receptor-related protein 4;PRR4;LNIR
Species	Mouse
Expression Host	HEK293 Cells
Sequence	Gly31-Ser349
Accession	Q8R007
Calculated Molecular Weight	61.4 kDa
Observed molecular weight	75-85 kDa
Tag	C-Fc

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed man
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Nectin-4(PVRL4)isatypeItransmembraneglycoproteinwhichbelongstothenectinfamilyofIgsuperfamilyproteins.ItcontainstwoIg-likeC2-typedomainsandoneIg-likeV-typedomain.PVRL4seemstobeinvolvedincelladhesionthroughtrans-homophilicand-heterophilicinteractions,thelatterincludingspecificallyinteractionswithnectin-1.Itdoesnotactasreceptorforalpha-herpesvirusentryintocells.Itispredominantlyexpressedinplacenta,theembryoandbreastcarcinoma.Butitisnotdetectedinnormalbreastepithelium.Thesoluble formisproducedbyproteolyticcleavageatthecellsurface(shedding),probablybyADAM17.Mutationsinthisgenearethecauseofectodermaldysplasia-syndactylysyndrometype 1, an autosomal recessive disorder.

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