

32-8699: Recombinant Vaccinia Virus Soluble Interferon α / beta receptor B18(Discontinued)

Gene : VACWR200

Gene ID : 3707577

Uniprot ID : P25213

Description

Source: Human Cells.

MW :39.2kD.

Recombinant Vacciniavirus B18R is produced by our Mammalian expression system and the target gene encoding His20-Glu351 is expressed with a 6His tag at the C-terminus. B18R, also known as B19R in the Copenhagen strain of Vaccinia, is a type I interferon (IFN)-binding protein encoded by the B18R open reading frame in the Western Reserve strain of vaccinia virus. B18R exists in two forms, soluble and membrane-bound form and also has a broad species specificity. B18R has high affinity for human IFN-alpha and also binds rabbit, bovine, rat, pig, and mouse IFN-alpha and IFN-beta. Secreted B18R binds to uninfected and infected cells. B18R presents at the cell surface and protects cells from the antiviral state. It has shown that binding of soluble recombinant B18R protects cultured cells from IFN and allows vaccinia virus replication.

Product Info

Amount : 10 μ g / 50 μ g

Content : Lyophilized from a 0.2 μ m filtered solution of PBS,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 : HSYAIDIENEITEFFNKMRTLPAKDSKWLNPACMFGGTMNDIAALGEPFSAKCPPIEDSLLSHRYKDYVVKWER
LEKNRRRQVSNKRVKHGDWLWIANYSKFSNRRYLCTVTTKNGDCVQGIVRSHIRKPPSCIPKTYELGTHDKYGI
DLYCGILYAKHYNNITWYKDNKEINIDDIKYSQTGKELIHNPELEDSGRYDCYVHYDDVRIKNDIVVSRCKILTVIP
SQDHRFKLILDPKINVTIGEPANITCTAVSTSLIDVLIWENPSGWLIGFDVYSVLTSRGGITEATLYFENV
EYIGNTYKCRGHNYFEKTLTTTVLEHHHHHH

Application Note

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