

Product datasheet for **TP727426**

Vacciniavirus Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Vacciniavirus B18R
Species:	Vacciniavirus
Expression cDNA Clone or AA Sequence:	His20-Glu351
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Vacciniavirus Soluble interferon alpha/beta receptor B18 is produced by our Mammalian expression system and the target gene encoding His20-Glu351 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Summary:	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.



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