

RP00704

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Recombinant Vaccinia virus Soluble Interferon α/β receptor B18 Protein

Catalog No.: RP00704 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Vaccinia virus	3707577	P25213

Tags
C-6×His

Synonyms
Soluble alpha/beta receptor B18;
VACWR200

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Endotoxin
< 1 EU/ μ g of the protein by LAL method.

Formulation
Lyophilized from a 0.2 μ m filtered solution of PBS, pH7.4. Contact us for customized product form or formulation.

Reconstitution
Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

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.

Basic Information

Description
Recombinant Vaccinia virus Soluble Interferon α/β receptor B18 Protein is produced by Human Cells expression system. The target protein is expressed with sequence (His20-Glu351) of vaccinia virus Soluble Interferon α/β receptor B18 (Accession #P25213) fused with a 6×His tag at the C-terminus.

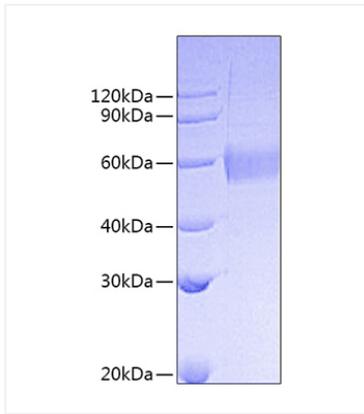
Bio-Activity

Storage
Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact

 | www.abclonal.com

Validation Data



Recombinant Vaccinia virus Soluble Interferon α/β receptor B18 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.