

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 \times 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- α and also binds rabbit, bovine, rat, pig, and mouse IFN- α and IFN- β . 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 \times His tag at the C-terminus.

Bio-Activity

Storage

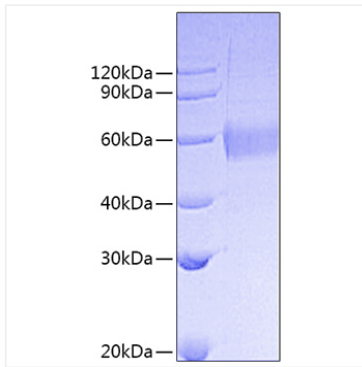
Store the lyophilized protein at -20 $^{\circ}$ C to -80 $^{\circ}$ C for long term. After reconstitution, the protein solution is stable at -20 $^{\circ}$ C for 3 months, at 2-8 $^{\circ}$ C for up to 1 week. Avoid repeated freeze/thaw cycles.

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.