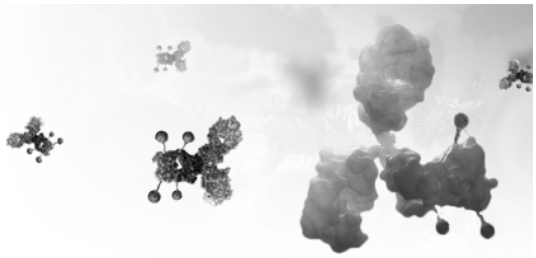

Recombinant VACV Fc Chimera (a.a. 17-258, 18-258, 100-330) [His] (DAG2641)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Recombinant Viral CCI Fc Chimera antigen, was expressed in Spodoptera frugiperda, Sf 21 (baculovirus). N-terminus Viral CCI (Met17-Val258) & (Pro18-Val258) (Accession # , P19063), C-terminus Human IgG1 (Pro100-Lys330) and 6-His tag, Disulfide-linked homod
Species	VACV
Purity	> 90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Conjugate	His
Format	Lyophilized from a 0.2 μm filtered solution in PBS
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	Vaccinia virus is a large, complex, enveloped virus belonging to the poxvirus family. It has a linear, double-stranded DNA genome approximately 190 kbp in length, and which encodes for approximately 250 genes. The dimensions of the virion are roughly 360 × 270 × 250 nm, with a mass of approximately 5-10 fg. Vaccinia virus is well known for its role as a vaccine (its namesake) that eradicated the smallpox disease, making it the first human disease to be successfully eradicated by science. This endeavour was carried out by the World Health Organization under the Smallpox Eradication Program. Post eradication of smallpox, scientists study Vaccinia virus to use as a tool for delivering genes into biological tissues (gene therapy and genetic engineering).
Keywords	Vaccinia virus vCCI protein, Human IgG1 protein; Orthopoxvirus; Vaccinia virus;

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Chordopoxvirinae; VACV; VV

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