

## **CERTIFICATE OF MATERIAL ORIGIN**

Date: 10/27/2017 Revision: 02

Product: CD2, Human, Solution

Supplier	Advanced BioMatrix, Inc.
Supplier Catalog No.	5086
Supplier Location	California, USA
Name/Grade	CD2, Human, Solution, 0.5 mg/ml
Animal Origin (including human)	
-Animal Species	Not applicable
-Tissue Origin	Not applicable
-County of Origin	Not applicable
Non-animal Source of Origin	
-Country of Origin	United States
Animal Origin Material Adventitious	Not applicable
Agent Risk Reduction Steps	
Method of Manufacturing	Recombinant and protein expression
Briefly describe Method of	Full-length extracellular domain of human CD2 gene (25 –
Manufacturing	209 aa) was constructed with 31 N-terminal T7/His tag
	and expressed in E. coli as inclusion bodies. The final
	product was refolded using a unique "temperature shift
	inclusion body refolding" technology and
	chromatographically purified.

The above information has been completed by an authorized representative of management and is complete and correct to my knowledge.

President October 27, 2017