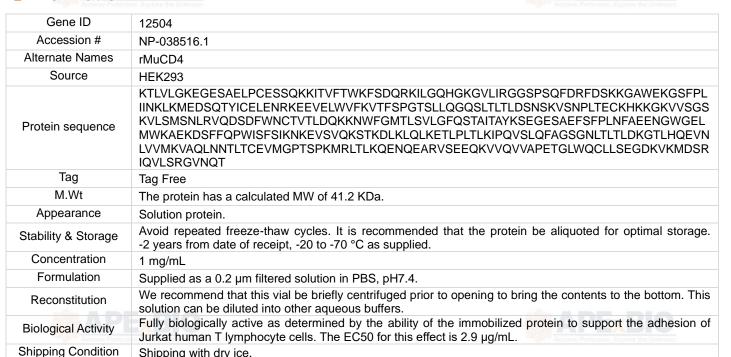


Recombinant Mouse CD4, Tag Free

Information Mail



Quality Control

Handling

Usage

Shipping with dry ice.

Centrifuge the vial prior to opening.

For Research Use Only! Not to be used in humans.

Purity	> 95 % by SDS-PAGE.
Endotoxin	Less than 1.0 EU/μg as determined by LAL method.

Description

In molecular biology, CD4 (cluster of differentiation 4) is a glycoprotein that functions as a co-receptor for the T cell receptor (TCR). CD4 is found on the surface of immune cells such as helper T cells, monocytes, macrophages, and dendritic cells. CD4+ helper T cells are a type of white blood cell that is an important component of the human immune system. CD4 is still expressed in most tumors derived from helper T cells. Therefore, most peripheral T-cell lymphomas and associated malignancies can be identified by CD4 immunohistochemistry of tissue biopsy samples. This antigen has also been associated with a variety of autoimmune diseases, such as vitiligo and type 1 diabetes. T cells also play an important role in autoinflammatory diseases. It is helpful to quantify the number of T cells in fresh frozen tissue using CD4+, CD8+, and CD3⁺ T cell markers when testing drug efficacy or studying disease.









