

CD55 Human (38-96)

CD55 (38-96 a.a.) Human Recombinant

CDA0090

Product Overview

Name	CD55 Human (38-96)
Accession(Primary)	P08174
Description	CD55 (38-96 a.a.) Human Recombinant

Target information (P08174)

Gene Name

About Gene Symbol

CD55 (CD55 Molecule (Cromer Blood Group)) is a cell surface marker involved in adaptive immunity. It is an important research target in immunology, flow cytometry, and cancer immunotherapy and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.

Background

CD55 is a part of the RCA family characterized by 4-30 SCRs (short consensus repeats) in their plasma-exposed regions. CD55 is expressed mainly in malignant tumors and nevertheless functions as an inhibitor of the complement system. CD55 attaches to the cell membrane through glycosylphosphatidylinositol (GPI) anchor and acts as a receptor of various enteroviruses such as coxsackieviruses.