

Recombinant Rhesus macaque LEU3/CD4 Protein

RPCB1579

Protein Information

Size:	100 µg	Tag:	C-His
Reactivity:	Rhesus macaque	Expressed Host:	HEK293 cells
Calculated MW:	41.5 kDa	Observed MW:	45-52 kDa

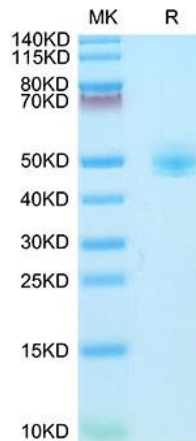
Background

CD4, also known as L3T4, T4, and W3/25, is an approximately 55 kDa type I transmembrane glycoprotein that is expressed predominantly on thymocytes and a subset of mature T lymphocytes. It is a standard phenotype marker for the identification of T cell populations. Integral membrane glycoprotein that plays an essential role in the immune response and serves multiple functions in responses against both external and internal offenses. In T-cells, functions primarily as a coreceptor for MHC class II molecule:peptide complex.

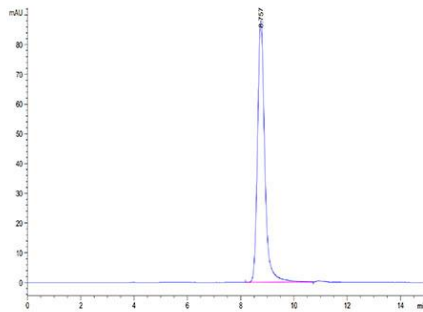
Properties

Synonyms:	CD4 antigen (p55), CD4 molecule, CD4 receptor, CD4, CD4mut, EU3
Gene ID:	713807
Endotoxin:	< 1 EU/µg of the protein by LAL method.
Description:	High quality, high purity and low endotoxin recombinant Recombinant Rhesus macaque LEU3/CD4 Protein (RPCB1579), tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.
Purity:	≥ 95 % as determined by Tris-Bis PAGE; ≥ 95 % as determined by HPLC.
Storage:	Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

Validation Data



Recombinant Rhesus macaque LEU3/CD4 Protein was determined by Tris-Bis PAGE under reducing conditions.



The purity of Rhesus macaque CD4 is greater than 95% as determined by SEC-HPLC.