

Recombinant Cynomolgus CD3E&CD3D Protein

RPCB1965

Protein Information

Size:	100 µg	Tag:	C-hFc
Reactivity:	Cynomolgus	Expressed Host:	HEK293 cells
Calculated MW:	36.9 kDa (CD3E), 35.4 kDa (CD3D)	Observed MW:	58-62 kDa (CD3E), 44-46 kDa (CD3D)

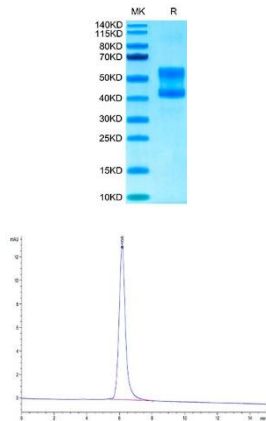
Background

T-cell surface glycoprotein CD3 epsilon & CD3 delta chain, also known as CD3E & CD3D, are single-pass type I membrane proteins. When antigen presenting cells (APCs) activate T-cell receptor (TCR), TCR-mediated signals are transmitted across the cell membrane by the CD3 chains CD3D, CD3E, CD3G and CD3Z. All CD3 chains contain immunoreceptor tyrosine-based activation motifs (ITAMs) in their cytoplasmic domain.

Properties

Synonyms:	CD3E&CD3D, CD3 epsilon&CD3 delta
Gene ID:	102133065&102133701
Endotoxin:	< 0.1 EU/µg of the protein by LAL method.
Description:	High quality, high purity and low endotoxin recombinant Recombinant Cynomolgus CD3E&CD3D Protein (RPCB1965), tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.
Purity:	≥ 95 % as determined by SDS-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 Cynomolgus CD3E&CD3D Protein was determined by Tris-Bis PAGE under reducing conditions.

The purity of Cynomolgus CD3E&CD3D was greater than 95% as determined by SEC-HPLC.