

CD3E & CD3G Heterodimer Protein, Rhesus, Recombinant (hFc)

General Information

Synonyms:	CD3e molecule, epsilon (CD3-TCR complex); CD3e molecule, ϵ (CD3-TCR complex)
Protein Construction:	A DNA sequence encoding the rhesus CD3E (XP_014971302.1) (Met1-Asp117) was fused with the Fc region of human IgG1 at the C-terminus, constructed the plasmid 1; A DNA sequence encoding the rhesus CD3G (NP_001253854.1) (Met1-Thr113) was fused with the Fc region of human IgG1 at the C-terminus, constructed the plasmid 2. The two plasmids were co-expressed and the cynomolgus CD3E/CD3G heterodimer was purified. Predicted N terminal: Gln 22 & Gln 23
Species:	Rhesus
Expression Host:	HEK293 Cells
Accession:	XP_014971302.1&NP_001253854.1
Molecular Weight:	75.4 kDa (predicted)

QC Testing

Biological Activity:	Activity testing is in progress. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	> 95 % as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/ μ g of the protein as determined by the LAL method.
Formulation:	Lyophilized from a solution filtered through a 0.22 μ m filter, containing PBS, pH 7.4. Typically, a mixture containing 5% to 8% trehalose, mannitol, and 0.01% Tween 80 is incorporated as a protective agent before lyophilization.

Preparation and Storage

Reconstitution:
A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:

It is recommended to store recombinant proteins at -20°C to -80°C for future use. Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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