

# Product Information

## Recombinant Anti-Human CD3E Antibody scFv Fragment

Cat. No.: **MOM-H28-S(P)**

This product is for research use only and is not intended for diagnostic use.

### Product Overview

Recombinant Rat Antibody scFv Fragment is bind to Human CD3E, expressed in E. coli

### Antigen Description

CD3e molecule, epsilon also known as CD3E is a polypeptide which in humans is encoded by the CD3E gene which resides on chromosome 11.

### Specific Activity

CD3E (CD3 epsilon) [Homo sapiens]

### Target

CD3E

### Source

Rat

### Species Reactivity

Human

### Type

Rat scFv

### Expression Host

E. coli

### Purity

>95.0%, determined by analysis by RP-HPLC & analysis by SDS-PAGE.

### Purification

Purified by Nickel ion affinity chromatography

### Applications

Suitable for use in ELISA, WB, Neut and most other immunological methods.

### Storage

At -20°C for one year.

## ANTIGEN GENE INFORMATION

### Gene Name

[CD3E CD3e molecule, epsilon \(CD3-TCR complex\) \[ Homo sapiens \]](#)

**Official Symbol**

CD3E

**Synonyms**

CD3E; CD3e molecule, epsilon (CD3-TCR complex); CD3e antigen, epsilon polypeptide (TiT3 complex); T-cell surface glycoprotein CD3 epsilon chain; CD3-epsilon; T-cell surface antigen T3/Leu-4 epsilon chain; T-cell antigen receptor complex, epsilon subunit of T3; T3E; TCRE; FLJ18683;

**Gene ID**

[916](#)

**mRNA Refseq**

[NM\\_000733](#)

**Protein Refseq**

[NP\\_000724](#)

**UniProt ID**

P07766

**Chromosome Location**

11q23

**Pathway**

Adaptive Immune System, organism-specific biosystem; CXCR4-mediated signaling events, organism-specific biosystem; Chagas disease (American trypanosomiasis), organism-specific biosystem; Chagas disease (American trypanosomiasis), conserved biosystem; Costimulation by the CD28 family, organism-specific biosystem; Downstream TCR signaling, organism-specific biosystem; Downstream signaling in naive CD8+ T cells, organism-specific biosystem;

**Function**

SH3 domain binding; T cell receptor binding; protein heterodimerization activity; protein kinase binding; receptor activity; receptor signaling complex scaffold activity; receptor signaling protein activity; transmembrane signaling receptor activity;