

Recombinant Human CD3E, GST-tagged

Cat. No. CD3E-10952H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD3E protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-207a.a.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

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;

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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;