

Recombinant Human CD8A, GST-tagged

Cat. No. CD8A-10982H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CD8A protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	23-183a.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	CD8A CD8a molecule [Homo sapiens]
Official Symbol	CD8A
Synonyms	CD8A; CD8a molecule; CD8, CD8 antigen, alpha polypeptide (p32) , T cell surface glycoprotein CD8 alpha chain; T-cell surface glycoprotein CD8 alpha chain; T8 T-cell antigen; T cell co-receptor; OKT8 T-cell antigen; T-cell antigen Leu2; Leu2 T-lymphocyte antigen; CD8 antigen, alpha polypeptide (p32); T-lymphocyte

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differentiation antigen T8/Leu-2; CD8; MAL; p32; Leu2;

Gene ID

925

mRNA Refseq

NM_001145873

Protein Refseq

NP_001139345

MIM

186910

UniProt ID

P01732

**Chromosome
Location**

2p12

Pathway

Adaptive Immune System, organism-specific biosystem; Antigen processing and presentation, organism-specific biosystem; Antigen processing and presentation, conserved biosystem; Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Downstream signaling in naive CD8+ T cells, organism-specific biosystem; Hematopoietic cell lineage, organism-specific biosystem;

Function

MHC class I protein binding; coreceptor activity; protein binding; protein homodimerization activity; protein kinase binding;

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