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CD247 Human, Sf9

CD247 Human Recombinant, Sf9
CDA0041

Product Overview

Name	CD247 Human, Sf9

Description

CD247 Human Recombinant, Sf9

Accession (Primary)	P20963

Synonyms

CD247 Molecule, T-Cell Surface Glycoprotein CD3 Zeta Chain, T-Cell Receptor T3 Zeta Chain, CD247 Antigen, CD3Z, TCRZ, T3Z, T-Cell Antigen Receptor Complex, Zeta Subunit Of CD3, CD3Z Antigen, Zeta Polypeptide (TiT3 Complex), CD3z Antigen, Zeta Polypeptide (TiT3 Complex) , CD247 Antigen, Zeta Subunit , TCR Zeta Chain, CD3zeta Chain, CD3-ZETA, IMD25, CD3H, CD3Q.

Introduction

T-cell surface glycoprotein CD3 zeta chain (CD247) is a member of the CD3Z/FCER1G family. CD247 is T-cell receptor zeta, which along with T-cell receptor alpha/beta and gamma/delta heterodimers, and also with CD3-gamma, -delta and -epsilon, creates the T-cell receptor-CD3 complex. The zeta chain has a central role in coupling antigen recognition to several intracellular signal-transduction pathways. Low expression of the CD247 antigen causes impaired immune response.

Source

Sf9, Baculovirus cells.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

CD247 protein solution (0.2mg/ml) contains 20mM Tris-HCl buffer (pH 6.8), 50% glycerol, 1mM DTT, 1mM EDTA and 0.1M NaCl.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Purity

Greater than 90.0% as determined by SDS-PAGE.

Amino acid sequence

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ADP RVKFSRS ADAPAYQQGQ NQLYNELNLG RREEYDVLDK RRGRDPEMGG KPQRRKNPQE GLYNELQKDK MAEAYSEIGM KGERRRGKGH DGLYQGLSTA TKDTYDALHM QALPPR HHHH HH

Precautions

CD247 Human, Sf9 is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P20963)