9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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CD3G Human, Sf9

CD3G Human Recombinant, Sf9
CDA0069

Product Overview

Name	CD3G Human, Sf9
Description	
CD3G Human Recombinant, Sf9	
Accession (Primary)	P09693
Synonyms	
T-cell surface glycoprotein CD3 gamma chain, CD3-GAMMA, T3G, CD3G	
Introduction	
CD3-gamma polypeptide is encoded by CD3 Gamma (CD3G) which together with CD3-epsilon, -delta and -zeta, and the T-cell receptor alpha/beta and gamma/delta heterodimers, configures the T-cell receptor-CD3 complex. The T-cell receptor-CD3 complex takes part in coupling antigen recognition to numerous intracellular signal-transduction pathways. The genes encoding the epsilon, gamma and delta polypeptides are located in the same cluster on chromosome 11. Deficiencies in this gene are associated with T cell immunodeficiency.	
Source	
Sf9, Insect cells.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
CD3G protein solution (0.5mg/ml) contains phosphate buffered saline (pH7.4) and 10% glycerol.	
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 85.0% as determined by SDS-PAGE.	
Amino acid sequence	
ADP QSIKGNH LVKVYDYQED GSVLLTCDAE AKNITWFKDG KMIGFLTEDK KKWNLGSNAK DPRGMYQCKG SQNKSKPLQV YYRMCQNCIE LNAATIS HHH HHH.	
Precautions	
CD3G Human, Sf9 is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (P09693)