9051 Mira Mesa Blvd, #910094
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CD1B Human

CD1B Human Recombinant
CDA0019

Product Overview

Name	CD1B Human
Description	
CD1B Human Recombinant	
Accession (Primary)	P29016
Synonyms	
T-cell surface glycoprotein CD1b, CD1B, CD1, CD1A, R1.	
Introduction	
CD1B belongs to CD1 family of transmembrane glycoproteins, which are structurally associated with the MHC proteins and form heterodimers with the beta-2-microglobulin. CD1B includes one Ig-like domain. CD1B is an antigen-presenting protein which connects self and nonself lipid and glycolipid antigens and displays them to T-cell receptors on natural killer T-cells.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
CD1B protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 20% glycerol and 1mM DTT.	
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	
MGSSHHHHHH SSGLVPRGSH MGSM SEHAFQ GPTSFHVIQT SSFTNSTWAQ TQGSGWLDDL QIHGWDSDSG TAIFLKPWSK GNFSDKEVAE LEEIFRVYIF GFAREVQDFA GDFQMKYPFE IQGIAGCELH SGGAIVSFLR GALGGLDFLS VKNASCVPSP EGGSRAQKFC ALIIQYQGIM ETVRILLYET CPRYLLGVLN AGKADLQRQV KPEAWLSSGP SPGPGRLQLV CHVSGFYPKP VWVMWMRGEQ EQQGTQLGDI LPNANWTWYL RATLDVADGE AAGLSCRVKH SSLEGQDIIL YWRNPTSIGS.	

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Precautions

CD1B Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P29016)