

CD1B Human Recombinant

Item Number	rAP-0001
Synonyms	T-cell surface glycoprotein CD1b, CD1B, CD1, CD1A, R1.
Description	CD1B Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 310 amino acids (18-303a.a.) and having a molecular mass of 34.2kDa.CD1B is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P29016
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMSEHAFQ GPTSFHVIQT SSFTNSTWAQ TQSGWLDDL QIHGWDSDSG TAIFLKPWSK GNFS DKEVAE LEEIFRVYIF GFAREVQDFA GDFQMKYPFE IQGIAGCELH SSGAIVSFLR GALGGLDFLS VKNASCVSPSP EGGSRAQKFC ALIIQYQGIM ETVRILLYET CPRYLLGVLN AGKADLQRQV KPEAWLSSGP SPGPGRLQLV CHVSGFYPPK VVVMWWMRGEQ EQQGTQLGDI LPNANWTWYL RATLDVADGE AAGLSCRVKH SSLEGQDIIL YWRNPTSIGS.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	CD1B protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 20% glycerol and 1mM DTT. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**