

CD1A Human Recombinant

Item Number	rAP-0003
Synonyms	T-cell surface antigen T6/Leu-6, hTa1 thymocyte antigen, R4, T6; CD1, FCB6, HTA1, CD1A.
Description	CD1A produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 291 amino acids (19-300a.a.) and having a molecular mass of 33.2kDa. (Molecular size on SDS-PAGE will appear at approximately 28-40kDa). CD1A is expressed with a 9 amino acid His tag at C-Terminus and purified by
Uniprot Accession Number	P06126
Amino Acid Sequence	ADPDGLKEPL SFHVTWIASF YNHSWKQNLV SGWLSDLQTH TWDSNSSTIV FLCPWSRGNF SNEEWKELET LFRIRTIRSF EGIRRYAHEL QFEYPFEIQV TGGCELHSGK VSGSFLQLAY QGSDFVSFQN NSWLPYPVAG NMAKHFCVKL NQNQHENDIT HNLLSDTCPR FILGLLDAGK AHLQRQVKPE AWLSHGPPSPG PGHLQLVCHV SGFYKPKVWV MWMRGEQEQQ GTQRGDILPS ADGTWYLRAT LEVAAGEAAD LSCRVKHSSL EGQDIVLYWE HHSSVHHHHH H.
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile Filtered colorless 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	CD1A protein solution (0.5mg/ml) containing Phosphate Buffered Saline (pH 7.4), and 10% glycerol. Greater than 85% 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**