

RPPB3012

Product Information Protein Information

Product SKU:

RPPB3012

Host:

Sf9, Insect cells.

Protein description:

CD1D produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 290 amino acids (20-301 a.a.) and having a molecular mass of 32.9kDa (Molecular size on SDS-PAGE will appear at approximately 40-57kDa). CD1Dis expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

Antigen-presenting glycoprotein CD1d, R3G1, CD antigen: CD1d, Differentiation Antigen CD1-Alpha-3, T-Cell Surface Glycoprotein CD1d, Thymocyte Antigen CD1D, CD1A, R3, CD1d Molecule, CD1D Antigen, D Polypeptide, CD1d Antigen, R3G1, HMC Class I, Antigen-Like Glycoprotein CD1D, Antigen-Presenting Glycoprotein CD1d.

Formulation:

CD1D protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Purity:

Greater than 85.0% as determined by SDS-PAGE.

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.

Amino Acid Sequence:

EVPQRLFPLR CLQISSFANS SWTRTDGLAW LGELQTHSWS NDSDTVRSK PWSQGTFSQD QWETLQHIFR
VYRSSFTRDV KEFAKMLRLS YPLELQVSAG CEVHPGNASN NFFHVAFAQGK DILSFQGTSW EPTQEAPLWV
NLAIQVLNQD KWTRTVQWL LNGTCPQFVS GLESGKSELKKQVKPKAWL SRGSPGPGR LLLVCHVSGF
YPKPVVWKWM RGEQEQGTQ PGDILPNADE TWYLRATLDV VAGEAAGLSC RVKHSSLEGQ DIVLYWGGSY
TSLEHHHHHH.