

RPPB0151

Product Information Protein Information

Product SKU:

RPPB0151

Accession:

P16410

Host:

Sf9, Baculovirus cells.

Protein description:

CTLA4 Human produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 368 amino acids (36-161aa) and having a molecular mass of 40.8kDa. CTLA4 is fused to a 242 amino acid hlgG-His-Tag at C-terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

CTLA4, ALPS5, CD, CD152, CELIAC3, CTLA-4, GRD4, GSE, IDDM12, CD152, Cytotoxic T-Lymphocyte Associated Antigen-4, igG-His Tag.

Formulation:

The CTLA4 solution (0.5mg/ml) contains 10% Glycerol and Phosphate-Buffered Saline (pH 7.4).

Purity:

Greater than 95.0% 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:

ADLKAMHVAQ PAVVLASSRG IASFVCEYAS PGKATEVRVT VLRQADSQVT EVCAATYMMGNELTFLDDSI
CTGTSSGNQV NLTIQGLRAM DTGLYICKVE LMYPPYYLG IINGTQIYVIDPEPCPDSDL EPKSCDKTHT
CPPCPAPELL GGPSVFLFPP KPKDTLMISR TPEVTCVVVDVSHEDPEVKF NWYVDGVEVH NAKTKPREEQ
YNSTYRVVSV LTVLHQDWLN GKEYKCKVSNKALPAPIEKT ISKAKGQPRE PQVYTLPPSR DELTKNQVSL
TCLVKGFYPS DIAVEWESNGQPENNYKTTTP PVLDSGDGSFF LYSKLTVDKS RWQQGNVFSC SVMHEALHNNH
YTQKSLSLSP GKHHHHHHH

Biological Activity:

Determined by the IL-2 ELISA in a using Jurkat human acute T cell leukemia cells. ED50 range for this is \leq 150 ng/ml with Human B7 1/CD80.