

RPPB3730

Product Information Protein Information

Product SKU:

RPPB3730

Accession:

Q9Y6W8

Host:

Sf9, Baculovirus cells.

Protein description:

ICOS produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 362 amino acids (21-140a.a.) and having a molecular mass of 40.8kDa. (Molecular size on SDS-PAGE will appear at approximately 40-57kDa). ICOS is expressed with an 242 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Inducible T Cell Costimulator, Activation-Inducible Lymphocyte Immunomediatory Molecule, Inducible T-Cell Costimulator, AILIM, Inducible T-Cell Co-Stimulator, Inducible Costimulator, CD278 Antigen, CD278, CVID1.

Formulation:

ICOS protein solution (0.25mg/ml) contains 20mM MES buffer (pH 5.5), 40% glycerol, 2mM DTT and 1mM EDTA 0.1M NaCl.

Purity:

Greater than 90.0% 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:

ADPEINGSAN YEMFIFHNGG VQILCKYPD I VQQFKMQLLK GGQILCDLTK TKGSGNTVSI KSLKFCHSQL
SNNSVSFFLY NLDHSHANY FCNLSIFDPP PFKVTLTGGY LHIYESQLCC QLKLEPKSCD KTHTCP PCA
PELLGGPSVF LFPPKPKDTL MISRTPEVTC VVVDVSHEDP EVKFNWYVDG VEVHNAKTKP REEQYNSTYR
VVSVLTVLHQ DWLNGKEYKC KVS NKALPAP IEKTISKAKG QPREPQVYTL PPSRDELTKN QVSLTCLVKG
FYPSDIAVEW ESNQGPENNY KTT PPVLDS D GSFFLYSKLT VDKSRWQQGN VFSCSVMHEA LHNHYTQKSL
SLSPGKHHHHHH