

32-13063: C10ORF54 Mouse

Alternative Name : GI24, Platelet receptor Gi24, VSIR, V-Set Immunoregulatory Receptor, SISP1, GI-24, B7-H5, Stress Induced Secreted Protein 1. VISTA.

Description

Source: Sf9, Insect cells.

Sterile filtered colorless solution.

Chromosome 10 Open Reading Frame 54, also known as C10ORF54 is part of the immunoglobulin superfamily. Like a transmembrane molecule, C10ORF54 is expressed in the bone on embryonic stem cells (ESCs), and on tumor cell surface as well. Accordingly, C10ORF54 supports the differentiation of ESC and enhances BMP4 induced signaling in ESC, however C10ORF54 is also down regulated following to BMP4 exposure.

C10ORF54 produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 167 amino acids (33-191a.a.) and having a molecular mass of 18.8kDa (Molecular size on SDS-PAGE will appear at approximately 28-40kDa). C10ORF54 is expressed with an 8 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 90.0% as determined by SDS-PAGE.

Content : C10ORF54 protein solution (1mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Storage condition : 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 : FKVTTPYSLY VCPEGQNATL TCRILGPVSK GHDVTIYKTW YLSSRGGEVQM CKEHRPIRNF TLQHLQHHGS
HLKANASHDQ PQKHGLELAS DHHGNFSITL RNVTPRDSGL YCCLVIELKN HHPEQRFGS MELQVQAGKG
SGSTCMASNE QSDSITAAL EHHHHHH.