

32-13062: C10ORF54 Human

Alternative Name : C10orf54, Chromosome 10 Open Reading Frame 54, V-Domain Ig Suppressor Of T Cell Activation, Stress-Induced Secreted Protein-1, Sisp-1, SISP1, Stress Induced Secreted Protein 1, Death Domain1alpha, DD1alpha, PP2135, B7-H5, VISTA, B7H5, GI24.

Description

Source: Sf9, Baculovirus 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 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 170 amino acids (33-194 a.a) and having a molecular mass of 19.1kDa. (Migrates at 28-40kDa on SDS-PAGE under reducing conditions). C10ORF54 is fused to an 8 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount : 2 µg / 10 µg

Purification : Greater than 95.0% as determined by SDS-PAGE.

Content : C10ORF54 protein solution (0.5mg/ml) containing 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 : FKVATPYSLY VCPEGQNVTL TCRLGLPVDK GHDVTFYKTW YRSSRGEVQT CSERRPIRNL TFQDLHLHHG
GHQAANTSHD LAQRHGLESA SDHHGNFSIT MRNLTL LDSG LYCLVVEIR HHHSEHRVHG
AMELQVQTGK DAPSNVYYP SSSQDSENI AAVEHHHHHH.