9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
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C10ORF54 Human

Chromosome 10 Open Reading Frame 54 Human Recombinant
RCP0247

Product Overview

Name	C10ORF54 Human

Description

Chromosome 10 Open Reading Frame 54 Human Recombinant

Accession (Primary)	Q9H7M9

Synonyms

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.

Introduction

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 ehhances BMP4 induced signaling in ESC, however C10ORF54 is also down regulated following to BMP4 exposure.

Source

Sf9, Baculovirus cells.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

C10ORF54 protein solution (0.5mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

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.

Purity

Greater than 95.0% as determined by SDS-PAGE.

Amino acid sequence

FKVATPYSLY VCPEGQNVTL TCRLLGPVDK GHDVTFYKTW YRSSRGEVQT CSERRPIRNL TFQDLHLHHG GHQAANTSHD LAQRHGLESA SDHHGNFSIT MRNLTLLDSG LYCCLVVEIR HHHSEHRVHG AMELQVQTGK DAPSNCVVYP SSSQDSENIT AA VEHHHHHH.

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Precautions

C10ORF54 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9H7M9)