9051 Mira Mesa Blvd, #910094
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TREM2 Human

Triggering Receptor Expressed on Myeloid Cells 2 Human Recombinant RCP2434

Product Overview

Name	TREM2 Human

Description

Triggering Receptor Expressed on Myeloid Cells 2 Human Recombinant

Accession (Primary)	Q9NZC2

Synonyms

Triggering receptor expressed on myeloid cells 2, Triggering receptor expressed on monocytes 2, TREM-2, TREM2, Trem2a, Trem2b, Trem2c.

Introduction

TREM2 is a membrane protein that forms a receptor signaling complex with TYROBP. TREM2 may be involved in chronic inflammation by triggering the production of constitutive inflammatory cytokines. Defects in the TREM2 gene are a source of polycystic lipomembranous osteodysplasia with sclerosing leukoencephalopathy (PLOSL).

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

TREM2 protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.

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 90.0% as determined by SDS-PAGE.

Amino acid sequence

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHM HN TTVFQGVAGQ SLQVSCPYDS MKHWGRRKAW CRQLGEKGPC QRVVSTHNLW LLSFLRRWNG STAITDDTLG GTLTITLRNL QPHDAGLYQC QSLHGSEADT LRKVLVEVLA DPLDHRDAGD LWFPGESESF EDAHVEHSIS R.

Precautions

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TREM2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9NZC2)