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OSCAR Human, Sf9

Osteoclast Associated, Immunoglobulin-Like Receptor Human Recombinant, Sf9
RCP1568

Product Overview

Name	OSCAR Human, Sf9

Description

Osteoclast Associated, Immunoglobulin-Like Receptor Human Recombinant, Sf9

Accession (Primary)	Q8IYS5

Synonyms

OSCAR, PIgR-3, PIGR3, hOSCAR, PIgR-3, Poly-Ig Receptor 3.

Introduction

Osteoclast-associated immunoglobulin-like receptor isoform 6 or OSCAR, is a receptor for surfactant protein D that can be found on human myeloid cells. OSCAR is part of the TNF-α release from human CCR2+ inflammatory monocytes process. The protein is involved in antigen presentation and activation of dendritic cells. Preosteoclasts or mature osteoclasts express the OSCAR protein. Patients that suffer from RA (rheumatoid arthritis) has upregulations on monocytes which present increased proosteoclastogenic potential.

Source

Sf9, Baculovirus cells.

Physical Appearance

Sterile Filtered colorless solution.

Formulation

OSCAR protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) & 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 90.0% as determined by SDS-PAGE.

Amino acid sequence

DITPSVPPAS YHPKPWLGAQ PATVVTPGVN VTLRCRAPQP AWRFGLFKPG EIAPLLFRDV SSELAEFFLE EVTPAQGGSY RCCYRRPDWG PGVWSQPSDV LELLVTEELP RPSLVALPGP VVGPGANVSL RCAGRLRNMS FVLYREGVAA PLQYRHSAQP WADFTLLGAR APGTYSCYYH TPSAPYVLSQ RSEVLVISWE GEGPEARPAS SAPGMQAPGP PPSDPGAQAP SLSSFRPRGL VLQPLLPQTQ DSWDPAPPPS DPGV HHHHHH .

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Precautions

OSCAR Human, Sf9 is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q8IYS5)