

32-13354: OSCAR Human, Sf9

Alternative Name : OSCAR, PlgR-3, PIGR3, hOSCAR, PlgR-3, Poly-Ig Receptor 3.

Description

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless solution.

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-Alpha 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.

OSCAR produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain (19-282 a.a.) and fused to a 6 aa His Tag at C-terminus containing a total of 270 amino acids and having a molecular mass of 29.2kDa. OSCAR shows multiple bands between 40-57kDa on SDS-PAGE, reducing conditions and purified by proprietary chromatographic techniques.

Product Info

Amount : 2 µg / 10 µg

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

Content : OSCAR protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) & 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 : DITPSVPPAS YHPKPWLGAQ PATVVTPGVN VTLRCRAPQP AWRFGFLFKPG EIAPLLFRDV SSELAEFFLE
EVTPAQGGSY RCCYRRPDWG PGVWSQPSDV LELLVTEELP RPSLVALPGP VVGPGANVSL
RCAGRLRNMS FVLYREGVAA PLQYRHSAPQ WADFTLLGAR APGTYSCYH TPSAPYVLSQ RSEVLVISWE
GEGPEARPAS SAPGMQAPGP PPSDPGAQAP SLSSFRPRGL VLQPLLQQTQ DSWDPAPPPS
DPGVHHHHHH.