

Recombinant Human OSCAR Protein

Catalog No.: RP02616

Sequence Information

Species **Gene ID**
Human 126014

Swiss Prot **Tags**
Q8IYS5-1 C-hFc

Synonyms

mOSCAR; OSCAR; PIGR3; PlgR-3;
Poly-Ig receptor 3; MGC33613

Product Information

Source **Purification**
HEK293 cells ≥ 95 % as
 determined by
 Tris-Bis PAGE; ≥
 95 % as
 determined by
 HPLC.

Calculated MW **Observed MW**
49.8 kDa 60-70 kDa

Endotoxin

< 1 EU/μg of the protein by LAL
method.

Formulation

Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Background

Osteoclast-associated receptor (OSCAR) is a co-stimulatory receptor in osteoclastogenesis. Synovial tissues from active rheumatoid arthritis (RA) patients express higher levels of OSCAR compared with osteoarthritic and normal patients. OSCAR and tartrate-resistant acid phosphatase (TRAP) expression levels did not differ between the cartilage pannus junction (CPJ) and non-CPJ regions in active RA.

Basic Information

Description

Recombinant Human OSCAR Protein is expressed from Expi293 with hFc tag at the C-terminal.; It contains Asp19-Asn229.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

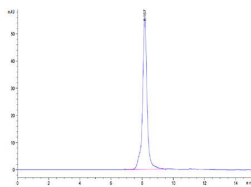
Contact

☎ | 400-999-6126

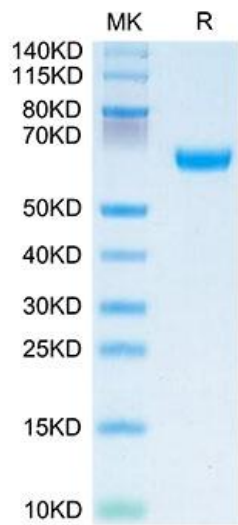
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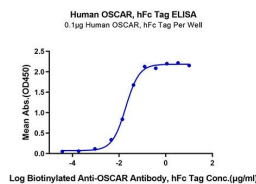
Validation Data



The purity of Human OSCAR is greater than 95% as determined by SEC-HPLC.



Recombinant Human OSCAR Protein was determined by Tris-Bis PAGE under reducing conditions.



Immobilized Human OSCAR, hFc Tag at 1µg/ml (100µl/Well) on the plate. Dose response curve for Biotinylated Anti-OSCAR Antibody, hFc Tag with the EC₅₀ 19.2ng /ml determined by ELISA.