

32-4380: Recombinant Human Osteoclast Associated, Immunoglobulin-Like Receptor

Alternative Name : PIGR3, Osteoclast-associated immunoglobulin-like receptor, hOSCAR, Polymeric immunoglobulin receptor 3, OSCAR, PIgR-3, PIgR3, Poly-Ig receptor 3.

Description

Source : Escherichia Coli. OSCAR Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 291 amino acids (19-286 a.a.) and having a molecular mass of 31kDa. OSCAR is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Osteoclasts are multinucleated cells that resorb bone and are essential for bone homeostasis. OSCAR plays crucial roles in the regulation of the innate and adaptive immune responses. Unlike the other LRC members, OSCAR expression is found specifically in preosteoclasts or mature osteoclasts. OSCAR is an important bone-specific regulator of osteoclast differentiation. Multiple alternative splicing transcript variants encode different isoforms have been found for this gene.

Product Info

Amount :	20 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	OSCAR protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 0.4M Urea and 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 :	MGSSHHHHHH SSGLVPRGSH MGSDITPSVA IIVPPASYHP KPWLGAPAT VVTPGVNVT RCRAPQPAWR FGLFKPGEIA PLLFRDVSSE LAEFFLEEV PAQGGIYRCC YRRPDWGPV WSQPSDVLEL LVTEELPRPS LVALPGPVVG PGANVSLRCA GRLRNMSFVL YREGVAAPLQ YRHSAPQWAD FTLLGARAPG TYSCYYHTPS APYVLSQRSE VLVISWEGEG PEARPASSAP GMQAPGPPPS DPGAQAPSL SFRPRGLVLQ PLLPQTQDSW DPAPPPSDPG V.

