

Recombinant Human IFNGR1 Protein, His-tagged

Cat. No. OSCAR-001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human OSCAR(19-282aa), fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Human
Source	Insect Cells
ProteinLength	19-282 a.a.
Description	OSCAR, also known as osteoclast-associated immunoglobulin-like receptor isoform 6, is an activating receptor expressed by human myeloid cells. It is a receptor for surfactant protein D that activates TNF- α release from human CCR2+ inflammatory monocytes. It is an FcRgamma-associated receptor that is expressed by myeloid cells and is involved in antigen presentation and activation of human dendritic cells. Its expression is detected specifically in preosteoclasts or mature osteoclasts. It is upregulated on monocytes from rheumatoid arthritis (RA) patients with active disease, and these monocytes show an increased proosteoclastogenic potential.
Form	Liquid
Molecular Mass	29.2 kDa
N-terminal Sequence Analysis	Asp 19

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Endotoxin	< 1.0 EU per 1 µg of protein (determined by LAL method)
Purity	> 90% by SDS - PAGE
Storage	Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/mL (determined by Absorbance at 280nm)
Storage Buffer	In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Warning	For research use only. This product is not intended or approved for human, diagnostics or veterin
AA Sequence	DITPSVPPASYHPKPWLGAQPATVVTPGVNVTLCRAPQPAWRFGFLFKPGEIAPLLF RDVSSELAEFFLEEVTQAQGGSYRCCYRRPDWGPVWSQPSDVLELLVTEELPRP SLVALPGPVVGPANVSLRCAGRLRNMSFVLYREGVAAPLQYRHSAPWADFTLL GARAPGTYSYYHTPSAPYVLSQRSEVLVISWEGEGPEARPASSAPGMQAPGPPP SDPGAQAPSLSSFRPRGLVLQPLLQQTQDSWDPAPPPSDPGVHHHHHH

GENE INFORMATION

Gene Name	OSCAR osteoclast associated, immunoglobulin-like receptor [Homo sapiens (human)]
Official Symbol	OSCAR
Synonyms	OSCAR; osteoclast associated, immunoglobulin-like receptor; PIGR3; PIgR-3; osteoclast-associated immunoglobulin-like receptor; osteoclast associated receptor OSCAR-S1; osteoclast associated receptor OSCAR-S2; poly-Ig receptor 3; polymeric

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immunoglobulin receptor 3

Gene ID 126014

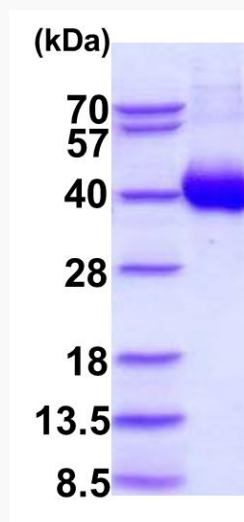
mRNA Refseq NM_001282349

Protein Refseq NP_001269278

MIM 606862

UniProt ID Q8IYS5

SDS-PAGE



15% SDS-PAGE (3 µg)

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