

Datasheet for ABIN5855171  
**OSCAR Protein (AA 19-282) (His tag)**



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## Overview

Quantity:	50 µg
Target:	OSCAR
Protein Characteristics:	AA 19-282
Origin:	Human
Source:	Baculovirus infected Insect Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This OSCAR protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Sequence:	DITPSVPPAS YHPKPWLGAQ PATVWTPGVN VTLRCRAPQP AWRFGLFKPG EIAPLLFRDV SSELAEFFLE EVTPAQGGSY RCCYRRPDWG PGVWSQPSDV LELLVTEELP RPSLVALPGP VVGPGANVSL RCAGRLRNMS FVLYREGVAA PLQYRHSAPQ WADFTLLGAR APGTYSYCYH TPSAPYVLSQ RSEVLVISWE GEGPEARPAS SAPGMQAPGP PPSDPGAQAP SLSSFRPRGL VLQPLLPQTQ DSWDPAPPPS DPGVHHHHHHH
Purity:	> 90 % by SDS - PAGE
Endotoxin Level:	< 1.0 EU per 1µg of protein (determined by LAL method)

## Target Details

Target:	OSCAR
Alternative Name:	OSCAR ( <a href="#">OSCAR Products</a> )

## Target Details

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**Background:** 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-alpha 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. Recombinant human OSCAR, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

**Molecular Weight:** 29.2kDa (270aa) 40-57kDa (SDS-PAGE under reducing conditions)

**NCBI Accession:** [NP\\_001269278](#)

**UniProt:** [Q8IYS5](#)

## Application Details

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**Application Notes:** Optimal working dilution should be determined by the investigator.

**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

**Concentration:** 0.25 mg/mL

**Buffer:** Liquid. In Phosphate Buffered Saline ( pH 7.4) containing 10 % glycerol.

**Storage:** 4 °C,-20 °C,-80 °C

**Storage Comment:** Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.