



Datasheet for ABIN7538463  
**OSCAR Protein (AA 19-282) (His tag)**



[Go to Product page](#)

1 Image

Overview

Quantity:	50 µg
Target:	OSCAR
Protein Characteristics:	AA 19-282
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This OSCAR protein is labelled with His tag.

Product Details

Purpose:	Recombinant human OSCAR Protein with C-terminal 6xHis tag
Specificity:	OSCAR (Asp19-Val282) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	OSCAR
Alternative Name:	OSCAR ( <a href="#">OSCAR Products</a> )
Background:	Osteoclasts are multinucleated cells that resorb bone and are essential for bone homeostasis.

## Target Details

---

This gene encodes an osteoclast-associated receptor (OSCAR), which is a member of the leukocyte receptor complex protein family that plays critical roles in the regulation of both innate and adaptive immune responses. The encoded protein may play a role in oxidative stress-mediated atherogenesis as well as monocyte adhesion. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2013]

---

Molecular Weight: predicted molecular mass of 29.2 kDa after removal of the signal peptide. The apparent molecular mass of OSCAR-His is 35-55 kDa due to glycosylation.

---

UniProt: [Q8IYS5](#)

## Application Details

---

Restrictions: For Research Use only

## Handling

---

Format: Lyophilized

---

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

---

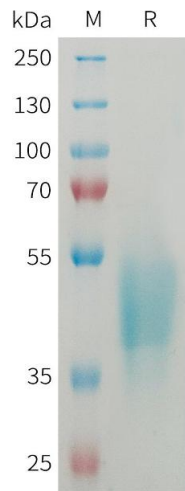
Storage: -20 °C, -80 °C

---

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).  
Lyophilized proteins are shipped at ambient temperature.

---

Expiry Date: 12 months



### SDS-PAGE

**Image 1.** Human OSCAR Protein, His Tag on SDS-PAGE under reducing condition.