

## Product datasheet

# Recombinant Human OSCAR/Osteoclast-associated receptor protein (denatured) ab156742

[1 References](#) [1 Image](#)

### Description

|                                   |   |
|-----------------------------------|---|
| <b>Product name</b>               | Recombinant Human OSCAR/Osteoclast-associated receptor protein (denatured)  |
| <b>Purity</b>                     | > 85 % SDS-PAGE.<br>ab156742 is purified by anion-exchange chromatography (DEAE sepharose resin) and gel-filtration chromatography (Sephacryl S-200) with 20mM Tris pH 7.5, 2mM EDTA.   |
| <b>Expression system</b>          | Escherichia coli  |
| <b>Accession</b>                  | <u><a href="#">Q8IYS5-7</a></u>   |
| <b>Protein length</b>             | Full length protein   |
| <b>Animal free</b>                | No  |
| <b>Nature</b>                     | Recombinant   |
| <b>Species</b>                    | Human   |
| <b>Sequence</b>                   | MGSSHHHHHH SSGLVPRGSH MGSDITPSVA<br>IIVPPASYHP KPWLGAQPAT VVTPGVNVT<br>RCRAPQPAWR FGLFKPGEIA PLLFRDVSSE<br>LAEFFLEEV PAQGGYRCC YRRPDWGPV<br>WSQPSDVLEL LVTEELPRPS LVALPGPVVG<br>PGANVSLRCA GRLRNMSFVL YREGVAAPLQ<br>YRHAQPWAD FTLLGARAPG TYSCYHTPS<br>APYVLSQRSE VLVISWEGEG PEARPASSAP<br>GMQAPGPPPS DPGAQAPSL SFRPRGLVLQ<br>PLLQTQDSW DPAPPPSDPG V |
| <b>Predicted molecular weight</b> | 31 kDa including tags   |
| <b>Amino acids</b>                | 19 to 286   |
| <b>Tags</b>                       | His tag N-Terminus  |

### Specifications

Our **Abpromise guarantee** covers the use of **ab156742** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

|                     |          |
|---------------------|----------|
| <b>Applications</b> | SDS-PAGE |
| <b>Form</b>         | Liquid   |

## Additional notes

This product was previously labelled as OSCAR

## Preparation and Storage

### Stability and Storage

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 2.4% Urea, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine)

## General Info

### Function

Regulator of osteoclastogenesis which plays an important bone-specific function in osteoclast differentiation.

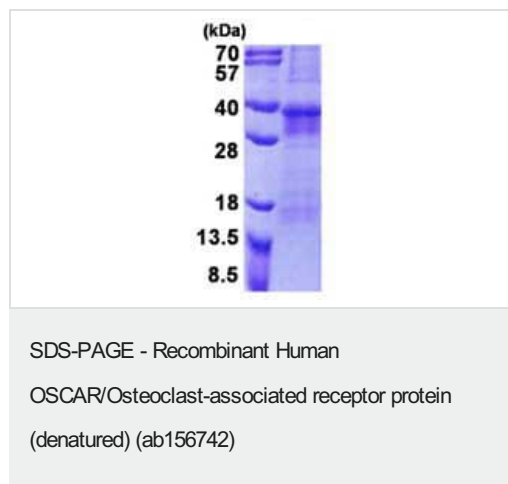
### Sequence similarities

Belongs to the leukocyte receptor complex/polymeric immunoglobulin receptor (PIR/LRC) family. Contains 2 Ig-like (immunoglobulin-like) domains.

### Cellular localization

Secreted and Cell membrane.

## Images



15% SDS-PAGE analysis of ab156742 (3µg).

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

#### **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors