

## 32-18340: Human OSCAR Protein, His Tag

**Uniprot ID :** Q8IYS5  
**Alternative Name :** PIGR3; PigR-3

### Description

**Description :** Recombinant human OSCAR Protein with C-terminal 6 $\text{Å}$ —His tag

**Background :** Osteoclasts are multinucleated cells that resorb bone and are essential for bone homeostasis. 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.

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

**Tag :** C-6 $\text{Å}$ —His tag

### Product Info

**Amount :** 50  $\mu\text{g}$  / 100  $\mu\text{g}$

**Purification :** The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

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

**Storage condition :** 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.

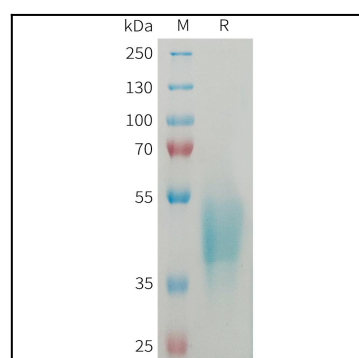


Figure 1. Human OSCAR Protein, His Tag on SDS-PAGE under reducing condition.