

32-18340: Human OSCAR Protein, His Tag

Uniprot ID : Q8IYS5

Alternative Name : PIGR3; PlgR-3

Description

Description : Recombinant human OSCAR Protein with C-terminal 6Å—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-6Å—His tag

Product Info

Amount : 50 µg / 100 µg

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.

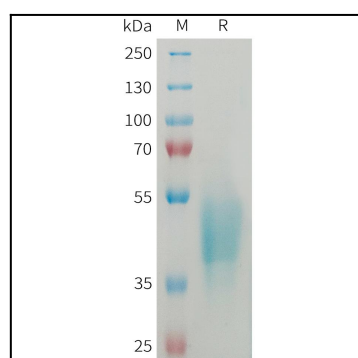


Figure 1. Human OSCAR Protein, His Tag on SDS-PAGE under reducing condition.