PRODUCT INFORMATION

Target	OSCAR
Synonyms	PIGR3; PIgR-3
Description	Recombinant human OSCAR Protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	Q8IYS5
Expression Host	HEK293
Tag	C-6×His tag
Molecular Characterization	OSCAR(Asp19-Val282) 6×His tag
Molecular Weight	The protein has a predicted molecular 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.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions.
Storage&Shipping	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.
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. [provided by RefSeq, Aug 2013]
Usage	Research use only
Conjugate	Unconjugated

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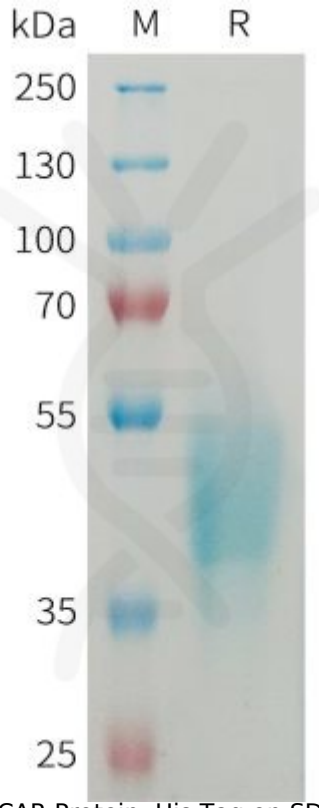


Figure 1. Human OSCAR Protein, His Tag on SDS-PAGE under reducing condition.

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