

Datasheet for ABIN7275377

OSCAR Protein (AA 19-229) (Fc Tag)[Go to Product page](#)**3** Images

Overview

Quantity:	100 µg
Target:	OSCAR
Protein Characteristics:	AA 19-229
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This OSCAR protein is labelled with Fc Tag.

Product Details

Purpose:	Human OSCAR Protein
Sequence:	Asp19-Ser229
Characteristics:	Recombinant Human OSCAR Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Asp19-Ser229.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Human OSCAR, hFc Tag at 1µg/ml (100µl/Well) on the plate. Dose response curve for Biotinylated Anti-OSCAR Antibody, hFc Tag with the EC50 19.2ng/ml determined by ELISA. See testing image for detail.

Target Details

Target:	OSCAR
Alternative Name:	OSCAR (OSCAR Products)
Background:	Osteoclast-associated receptor (OSCAR) is a co-stimulatory receptor in osteoclastogenesis. Synovial tissues from active rheumatoid arthritis (RA) patients express higher levels of OSCAR compared with osteoarthritic and normal patients. OSCAR and tartrate-resistant acid phosphatase (TRAP) expression levels did not differ between the cartilage pannus junction (CPJ) and non-CPJ regions in active RA.
Molecular Weight:	49.8 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Tris-Bis PAGE result.

Application Details

Restrictions:	For Research Use only
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Handling

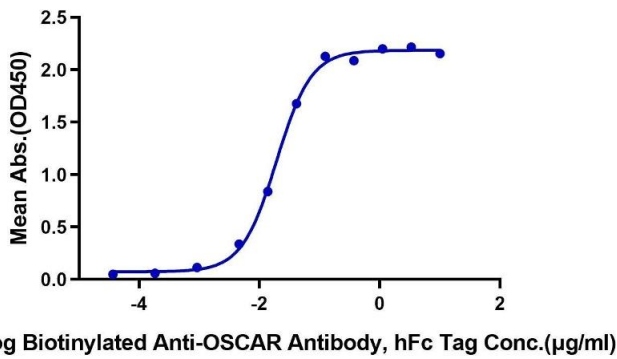
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months



SDS-PAGE

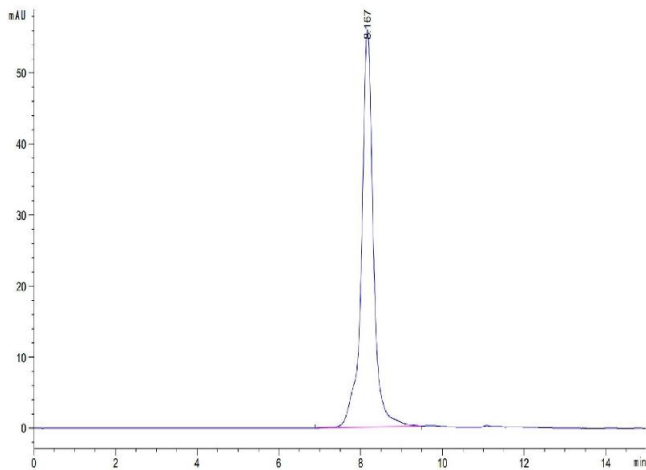
Image 1. Human OSCAR on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

Human OSCAR, hFc Tag ELISA
0.1µg Human OSCAR, hFc Tag Per Well



ELISA

Image 2. Immobilized Human OSCAR, hFc Tag at 1 µg/mL (100 µL/Well) on the plate. Dose response curve for Biotinylated Anti-OSCAR Antibody, hFc Tag with the EC50 19.2 ng/mL determined by ELISA.



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 3. The purity of Human OSCAR is greater than 95 % as determined by SEC-HPLC.