

Recombinant Human OSCAR protein, hFc-tagged

Cat. No. OSCAR-22H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human OSCAR protein(Q8IYS5-1)(Asp19-Asn229), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Asp19-Asn229
Tag	C-hFc
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human OSCAR, hFc Tag at 1ug/ml (100ul/Well) on the plate. Dose response curve for Biotinylated Anti-OSCAR Antibody, hFc Tag with the EC50 42.0ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 49.8 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC

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Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
GENE INFORMATION	
Gene Name	OSCAR osteoclast associated, immunoglobulin-like receptor [Homo sapiens]
Official Symbol	OSCAR
Synonyms	OSCAR; osteoclast associated, immunoglobulin-like receptor; osteoclast-associated immunoglobulin-like receptor; PlgR-3; hOSCAR; poly-Ig receptor 3; osteoclast-associated receptor; polymeric immunoglobulin receptor 3; osteoclast associated receptor OSCAR-S1; osteoclast associated receptor OSCAR-S2; PIGR3; MGC33613;
Gene ID	126014
mRNA Refseq	NM_130771
Protein Refseq	NP_570127
MIM	606862
UniProt ID	Q8IYS5