

## Product datasheet for **TP321675L**

### OSCAR (NM\_130771) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens osteoclast associated, immunoglobulin-like receptor (OSCAR), transcript variant 3, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC221675 representing NM_130771 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MALVLILQLLLTWPLCHTDITPSVAIIVPPASYHPPKWLGAQPATVVTGPNVTLRCRAPQPAWRFGFLFK PGEIAPLLFRDVSSSELAEFFLEEVTPAQGGIYRCCYRRPDWPGVWSQPSDVLELLVTEELPRPSLVALP GPVVGPGANVSLRCAGRLRNMSFVLYREGVAAPLQYRHSAPWADFTLLGARAPGTYSYHTPSAPYVL SQRSEVLVISWEDSGSSDYTRGNLVRLGLAGLVLISL GALVTFDWR SQNRAPAGIRP</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-Myc/DDK
Predicted MW:	29 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_570127</a></u>
Locus ID:	126014



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UniProt ID: [Q8IYS5](#), [A0A087X1R2](#)

RefSeq Size: 1440

Cytogenetics: 19q13.42

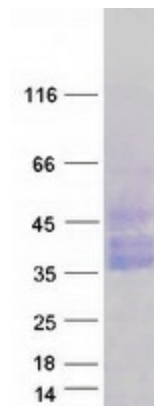
RefSeq ORF: 801

Synonyms: PIGR-3; PIGR3

**Summary:** 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]

**Protein Families:** Druggable Genome

### Product images:



Coomassie blue staining of purified OSCAR protein (Cat# [TP321675]). The protein was produced from HEK293T cells transfected with OSCAR cDNA clone (Cat# [RC221675]) using MegaTran 2.0 (Cat# [TT210002]).