

Product datasheet for PH321675

OSCAR (NM_130771) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	OSCAR MS Standard C13 and N15-labeled recombinant protein (NP_570127)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221675
Predicted MW:	29 kDa
Protein Sequence:	>RC221675 representing NM_130771 Red=Cloning site Green=Tags(s) MALVLIQLQLLTLWPLCHTDITPSVAIIIVPPASYHPKPWLGAQPATVVTPGVNVTLCRAPQPAWRFLFK PGEIAPLLFRDVSSELAEFFLEEVTQAQGGIYRCCYRRPDWPGVWSQPSDVLELLVTEELPRPSLVALP GPVVGPGANVSLRCAGRLRNMSFVLYREGVAAPLQYRHSAPWADFTLLGARAPGTYSYYHTPSAPYVL SQRSEVLVISWEDSGSSDYTRGNLVRLGLAGLVLSLGLVTFDWRSQNRAPAGIRP TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_570127
RefSeq Size:	1440
RefSeq ORF:	801
Synonyms:	PIgR-3; PIGR3
Locus ID:	126014
UniProt ID:	Q8IYS5 , A0A087X1R2



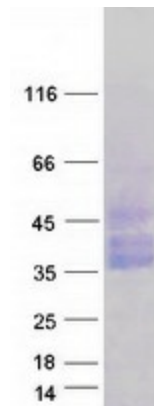
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Cytogenetics: 19q13.42

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]).