

Product datasheet for PH300396

OXR1 (NM_005109) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	OXR1 MS Standard C13 and N15-labeled recombinant protein (NP_005100)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200396
Predicted MW:	58 kDa
Protein Sequence:	>RC200396 protein sequence Red=Cloning site Green=Tags(s)

MSEDSSALPWSINRDDYELQEVI GSGATAVVQAAAYCAPKKEKVAIKRINLEKQCQTSMDLLEKEIQAMSQC
HHPNIVSYYSFVVKDELWLVKLLSGGSVLDI IKHIVAKGEHKSGVLDESTIATILREVLEGLEYLHKN
GQIHRDVKAGNILLGEDGSVQIADFGVSAFLATGGDITRNKVRKTFVGTPCWMAPEVMEQVRGYDFKADI
WSFGITAIELATGAAPYHKYPPMKVLM LTLQNDPPSLETGVQDKEMLK KYGKSFRKMISLCLQKDPKRP
TAAELLRHKFFQKAKNKEFLQE KTLQRAPTISERAKKVRVPGSSGRLHKTEDGGWEWSDFDEESEEG
KAAISQLRSPRVKESISNSELFP TTDVPGTLLQVPEQISAHLPQAPAGQIATQPTQVSLPPTAEPAKTAQA
LSSGSGSQETKIPISLVLR LNSKKEKELNDIRFEFTPGRDTAEGVSQELISAGLVDGRDLVIVAANLQKIV
EEPQSNRSVTFKLASGVEGSDIPDDGK LIGFAQLSIS

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:	<u>NP_005100</u>
RefSeq Size:	4525
RefSeq ORF:	1581



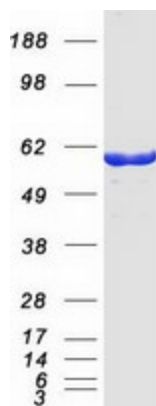
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Synonyms: OSR1
Locus ID: 9943
UniProt ID: [O95747](#)
Cytogenetics: 3p22.2

Summary: The product of this gene belongs to the Ser/Thr protein kinase family of proteins. It regulates downstream kinases in response to environmental stress, and may play a role in regulating the actin cytoskeleton. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Protein Kinase

Product images:



Coomassie blue staining of purified OXSR1 protein (Cat# [TP300396]). The protein was produced from HEK293T cells transfected with OXSR1 cDNA clone (Cat# [RC200396]) using MegaTran 2.0 (Cat# [TT210002]).