

## Product datasheet for PH320792

### OCIAD1 (NM\_001079842) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	OCIAD1 MS Standard C13 and N15-labeled recombinant protein (NP_001073311)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC220792
Predicted MW:	21.4 kDa
Protein Sequence:	>RC220792 representing NM_001079842 Red=Cloning site Green=Tags(s)  MNGRADFREPNAEVPRPIPHIGPDYIPTEEERRVFAECNDESFWFRSVPLAATSMLITQGLISKGILSSH PKYGSIPKLILACIMGYFAGKLSYVKTCQEKFKKLENSPLGEALRSGQARRSSPPGHYYQKSKYDSSVSG QSSFVTSPAADNIEMLPHYEPIPFSSSMNESAPTGITDHIVQGRNFS  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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:	<a href="#">NP_001073311</a>
RefSeq Size:	1754
RefSeq ORF:	561
Synonyms:	ASRIJ; OCIA; TPA018
Locus ID:	54940
UniProt ID:	<a href="#">Q9NX40</a>

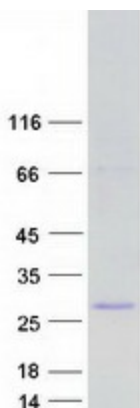


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Cytogenetics: 4p11

Summary: Maintains stem cell potency (By similarity). Increases STAT3 phosphorylation and controls ERK phosphorylation (By similarity). May act as a scaffold, increasing STAT3 recruitment onto endosomes (By similarity). Involved in integrin-mediated cancer cell adhesion and colony formation in ovarian cancer (PubMed:20515946).[UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified OCIAD1 protein (Cat# [TP320792]). The protein was produced from HEK293T cells transfected with OCIAD1 cDNA clone (Cat# [RC220792]) using MegaTran 2.0 (Cat# [TT210002]).