

Product datasheet for **TP301506**

OCIAD1 (NM_017830) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human OCIA domain containing 1 (OCIAD1), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201506 protein sequence Red=Cloning site Green=Tags(s)

MNGRADFREPNAEVPRPIPHIGPDYIPTEEERRVFAECNDESWFRSVPLAATSMLITQGLISKGILSSH
PKYGSIPKLILACIMGYFAGKLSYVKTCQEKFKLENSPLGEALRSGQARRSSPPGHYYQKSKYDSSVSG
QSSFVTSPAADNIEMLPHYEPIPFSSSMNESAPTGITDHIVQGPDPNLEESPKRKNITYEELRNKNRESY
EVSLTQKTDPSVRPMHERVPKKEVKVKNKYGDTWDE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	27.4 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>NP_060300</u>
Locus ID:	54940



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UniProt ID: [Q9NX40](#), [A0A024R9U3](#)

RefSeq Size: 2005

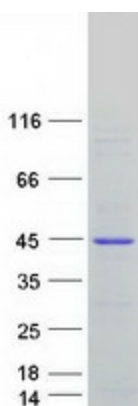
Cytogenetics: 4p11

RefSeq ORF: 735

Synonyms: ASRIJ; OCIA; TPA018

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# TP301506). The protein was produced from HEK293T cells transfected with OCIAD1 cDNA clone (Cat# [RC201506]) using MegaTran 2.0 (Cat# [TT210002]).