

Product datasheet for TP308599L

Oct-1 (POU2F1) (NM_002697) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human POU class 2 homeobox 1 (POU2F1), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC208599 protein sequence Red=Cloning site Green=Tags(s)

MNNPSETSKPSMESGDGNTGTQTNGLDFQKQPVPVGGAISTAQAQAFGLGHLHQVQLAGTSLQAAAQSLNV
QSKSNEESGDSQQPSQPSQPSVQAAIPQTQLMLAGGQITGLTLTPAQQLLLQQAQAQQLLAAAVQQH
SASQQHSAAGATISASAATPMTQIPLSQPIQIAQDLQQLQQLQQQNLNLQQFVLVHPTTNLQPAQFIISQ
TPQGQQGLLQAQNLTLQLPQQSQANLLQSQPSITLTSQPATPTRTIAATPIQTLPQSQSTPKRIDTPSLE
EPSDLEELEQFAKTFKQRRIKLGFTQGDVGLAMGKLYGNDFSQTTISRFEALNLSFKNMCKLKPILLEKWL
NDAENLSSDSSLSSPSALNSPGIEGLSRRRKRRTSIETNIRVALEKSFLENQKPTSEEITMIADQLNMEK
EVIRVWFCNRRQKEKRINPPSSGGTSSSPIKAIFPSPSLVATTPSLVTSSAATTLTVSPVPLTSAAVT
NLSVTGTSDDTTSNNTATVISTAPPASSAVTSPSLSPSPSASASTSEASSASETSTTQTTSTPLSSPLGTS
QVMVTASGLQTAAAAALQGAAQLPANASLAAMAAAAGLNPSLMAPSQFAAGGALLSLNPGTSLGALSPAL
MSNSTLATIQALASGGSLPITSLDATGNLVFANAGGAPNIVTAPLFLNPQNLSTLSTNPVSLVSAASA
GNSAPVASLHATSTSAESIQNSLFTVASASGAASTTTTASKAQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

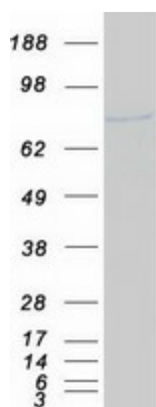
Tag:	C-Myc/DDK
Predicted MW:	76.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.



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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:	NP_002688
Locus ID:	5451
UniProt ID:	P14859 , P14859-6
RefSeq Size:	13905
Cytogenetics:	1q24.2
RefSeq ORF:	2229
Synonyms:	oct-1B; OCT1; OTF1
Summary:	The OCT1 transcription factor was among the first identified members of the POU transcription factor family (summarized by Sturm et al., 1993 [PubMed 8314572]). Members of this family contain the POU domain, a 160-amino acid region necessary for DNA binding to the octameric sequence ATGCAAAT.[supplied by OMIM, Jul 2010]
Protein Families:	Druggable Genome, Transcription Factors

Product images:



Coomassie blue staining of purified POU2F1 protein (Cat# [TP308599]). The protein was produced from HEK293T cells transfected with POU2F1 cDNA clone (Cat# [RC208599]) using MegaTran 2.0 (Cat# [TT210002]).