

Product datasheet for PH308599

Oct-1 (POU2F1) (NM_002697) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	POU2F1 MS Standard C13 and N15-labeled recombinant protein (NP_002688)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208599
Predicted MW:	76.5 kDa
Protein Sequence:	>RC208599 protein sequence Red=Cloning site Green=Tags(s)

MNNPSETSKPSMESGDGNTGTQTNGLDLDFQKQPVVGGAI STAQAQAF LGHLHQVQLAGTSLQAAAQSLNV
QSKSNEESGDSQQPSQPSQQPSVQAAIPQTQLMLAGGQITGL TPAQQQLLQQQAQAQQLAAAQVQQH
SASQQHSAAGATISASAATPMTQIPLSQPIQIAQDLQQLQQNLNLQQFVLVHPTTNLQPAQFIISQ
TPQGQQGLLQAQNL TQLPQQSQANLLQSQPSITLTSQPATPRTIAATPIQTL PQSQSTPKRIDTPSLE
EPSDLEELQFAKTFKQRRIKLGF TQGDVGLAMGKLYGNDFSQTTISRFEALNLSFKNMCKLKPLLEKWL
NDAENLSSDSSLSSPALSNGIEGLSRRRKKRTSIETNIRVALEKSFLLENQKPTSEEITMIADQLNMEK
EVIRVWFCNRRQKEKRINPPSSGGTSSSPIKAI FSPSTSLVATTPSLVTSSAATLTVSPVPLPLTSAAVT
NLSVTGSDTTSNNTATVISTAPPASSAVTSPSLSPSPSASASTSEASSASETSTTQTTSTPLSSPLGTS
QVMVTASGLQTA AAAALQGAAQLPANASLAAMAAAAGLNPSLMAPSQFAAGGALLSLNPGLSGALSPAL
MSNSTLATIQALASGGSLPITSLDATGNLVFANAGGAPNIVTAPLFLNPQNL SLLTSNPVSLVSA AAASA
GNSAPVASLHATSTSAESI QNSLFTVASASGAAS TTTTASKAQ

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- 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:	NP_002688



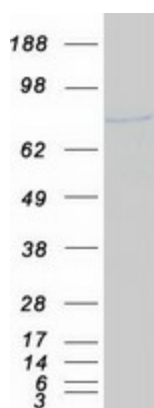
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RefSeq Size: 13905
RefSeq ORF: 2229
Synonyms: oct-1B; OCT1; OTF1
Locus ID: 5451
UniProt ID: [P14859](#), [P14859-6](#)
Cytogenetics: 1q24.2

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]).