

Recombinant Human POU2F1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. POU2F1-1524H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	POU2F1 MS Standard C13 and N15-labeled recombinant protein (NP_002688) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The OCT1 transcription factor was among the first identified members of the POU transcription factor family. Members of this family contain the POU domain, a 160-amino acid region necessary for DNA binding to the octameric sequence ATGCAAAT.
Molecular Mass	76.5 kDa
AA Sequence	MNNPSETSKPSMESGDGNTGTQTNGLDFQKQPVVGGAISTAQAQAFGLHLHQVQ LAGTSLQAAAQSLNVQSKSNEESGDSQQPSQPSQPSVQAAIPQTQLMLAGGQIT GLTLTPAQQQQLLQQAQAQAQLLAAAVQQHSASQQHSAAGATISASAATPMTQIPLS QPIQIAQDLQQLQQLQQNLNLQQFVLVHPTTNLQPAQFIISQTPQGQQGLLQAQNL LTQLPQQSQANLLQSQPSITLTSQPATPTRTIAATPIQTL PQSQSTPKRIDTPSLEEPS DLEELEQFAKTFKQRRIKLGFTQGDVGLAMGKLYGNDFSQTTISRFEALNLSFKNMC KLKPLLEKWLNDAENLSSDSSLSSPSALNSPGIEGLSRRRKKRTSIETNIRVALEKSFL ENQKPTSEEITMIADQLNMEKEVIRVWFCNRRQKEKRINPPSSGGTSSSPIKAIFPSP TSLVATTPSLVTSSAATTLTVSPVLPLTSAAVTNLSVTGTSDTTSNNTATVISTAPPAS

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SAVTSPSLSPSPSASASTSEASSASETSTTQTTSTPLSSPLGTSQVMVTASGLQTAA
 AAALQGAAQLPANASLAAMAAAAGLNPSLMAPSQFAAGGALLSLNPGTSLSGALSPA
 LMSNSTLATIQALASGGSLPITSLDATGNLVFANAGGAPNIVTAPLFLNPQNLSLLTSN
 PVSLVSAAAASAGNSAPVASLHATSTSAESIQNLSLFTVASASGAASSTTTASKAQTR
 TRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [POU2F1 POU class 2 homeobox 1 \[Homo sapiens \(human\) \]](#)

Official Symbol [POU2F1](#)

Synonyms POU2F1; POU class 2 homeobox 1; OTF1, POU domain class 2, transcription factor 1; POU domain, class 2, transcription factor 1; OCT1; NF-A1; OTF-1; oct-1; octamer-binding protein 1; Octamer-binding transcription factor-1; octamer-binding transcription factor 1; OTF1; oct-1B; FLJ42836;

Gene ID [5451](#)

mRNA Refseq [NM_002697](#)

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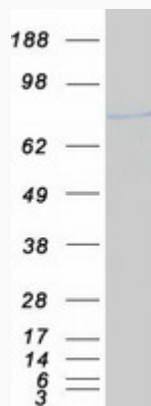
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Protein Refseq [NP_002688](#)

MIM [164175](#)

UniProt ID [P14859](#)

SDS-PAGE



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