

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	<p>MNNPSETSKPSMESGDGNTGTQTNGLDFQKQPVPVGGAISTAQAQAFLGHLHQVQ LAGTSLQAAAQSLNVQSKSNEESGDSQQPSQPSQQPSVQAAIPQTQLMLAGGQIT GLTLTPAQQQLLLQQAQAQAQLLAAAVQQHSASQQHSAAGATISASAATPMTQIPLS QPIQIAQDLQQLQQLQQNLNLQQFVLVHPTTNLQPAQFIISQTPQGQQGLLQAQNL LTQLPQQSQANLLQSQPSITLTSQPATPTRTIAATPIQTLPQSQSTPKRIDTPSLEEPS DLEELEQFAKTFKQRRRIKLGFTQGDVGLAMGKLYGNDFSQTTISRFEALNLSFKNMC KLKPLLEKWLNDAENLSSDSSLSSPSALNSPGIEGLSRRRKKRTSIETNIRVALEKSFL ENQKPTSEEITMIADQLNMEKEVIRVWFCNRRQKEKRINPPSSGGTSSSPIKAIFPSP TSLVATTPSLVTSSAATTLTVSPVLPLTSAAVTNLSVTGTSDTTSNNTATVISTAPPAS</p>

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SAVTSPSLSPSPSASASTSEASSASETSTTQTTSTPLSSPLGTSQVMVTASGLQTAA
 AAALQGAAQLPANASLAAMAAAAGLNPSLMAPSQFAAGGALLSLNPGTLSGALSPA
 LMSNSTLATIQALASGGSLPITSLDATGNLVFANAGGAPNIVTAPLFLNPQNLSLLTSN
 PVSLVSAAAASAGNSAPVASLHATSTSAESIQNSLFTVASASGAATTTTASKAQTR
 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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Protein Refseq [NP_002688](#)

MIM [164175](#)

UniProt ID [P14859](#)

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