

Recombinant Human POU2F3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. POU2F3-6682H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	POU2F3 MS Standard C13 and N15-labeled recombinant protein (NP_055167) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the POU domain family of transcription factors. POU domain transcription factors bind to a specific octamer DNA motif and regulate cell type-specific differentiation pathways. The encoded protein is primarily expressed in the epidermis, and plays a critical role in keratinocyte proliferation and differentiation. The encoded protein is also a candidate tumor suppressor protein, and aberrant promoter methylation of this gene may play a role in cervical cancer. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Molecular Mass	47.4 kDa
AA Sequence	MVNLESMHTDIKMSGDVADSTDARSTLSQVEPGNDRNGLDFNRQIKTEDLSDSLQQ TLSHRPCCHLSQGPAMMSGNQMSGNLNASPCQDMASLHPLQQVLVPGHLQSVSQFL LSQTQPGQQGLQPNLLPFPQQQSGLLLPQTGPGLASQAFGHPGLPGSSLEPHLEA SQHLPVPKHLPPSSGGADEPSDLEELEKFAKTFKQRRIKLGFTQGDVGLAMGKLYGN DFSQTTISRFEALNLSFKNMCKLKPLLEKWLNDAESSPSDPSVSTPSSYPSLSEVFG

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RKRKKRTSIETNIRLTLEKRFQDNPKPSSEEISMIAEQLSMEKEVVRVWFCNRRQKE
KRINCPVATPIKPPVYNSRLVSPSGSLGPLSVPPVHSTMPGTVTSSCSPGNNSRPSS
PGSGLHASSPTASQNNNSKAAVNSASSFNSSGSWYRWNHSTYLHTRTRPLEQKLISE
EDLAANDILDYKDDDDKV

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 POU2F3 POU class 2 homeobox 3 [Homo sapiens (human)]

Official Symbol POU2F3

Synonyms POU2F3; POU class 2 homeobox 3; POU domain class 2, transcription factor 3; POU domain, class 2, transcription factor 3; Epoc 1; OCT11; PLA 1; Skn 1a; octamer-binding protein 11; transcription factor PLA-1; transcription factor Skn-1; POU domain transcription factor OCT11a; octamer-binding transcription factor 11; PLA1; PLA-1; Epoc-1; OCT-11; OTF-11; Skn-1a; FLJ40063; MGC126698;

Gene ID 25833

mRNA Refseq NM_014352

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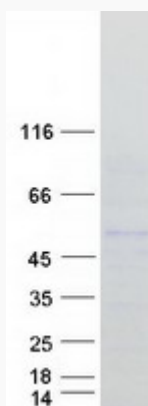
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Protein Refseq NP_055167

MIM 607394

UniProt ID Q9UKI9

SDS-PAGE



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