

Recombinant Full Length Human POU2F3 Protein, C-Flag-tagged

Cat. No. POU2F3-981HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human POU2F3 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	47.3 kDa
AA Sequence	MVNLESMHTDIKMSGDVADSTDARSTLSQVEPGNDRNGLDFNRQIKTEDLSDSLQQ TLSHRPCHLSQGPA MMSGNQMSGLNASPCQDMASLHPLQQQLVLVPGHLQSVSQF LLSQTQPGQQGLQPNLLPFPQQQSGLLLPQ TGPGLASQAFGHPGLPGSSLEPHLE ASQHLPVPKHLPPSSGGADEPSDLEELEKFAKTFKQRRIKLGFTQG DVGLAMGKLYG

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NDFSQTTISRFEALNLSFKNMCKLKPLLEKWLNDAESSPSDPSVSTPSSYPSSLSEVF
GR KRKKRTSIETNIRLTLEKRFQDNPKPSSEEISMIAEQLSMEKEVVRVWFCNRRQK
EKRINCPVATPIKPP VYNSRLVSPSGSLGPLSVPPVHSTMPGTVTSSCSPGNNSRP
SSPGSGLHASSPTASQNNKA AVNSASSF
NSSGSWYRWNHSTYLHTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

Gene Name	POU2F3 POU class 2 homeobox 3 [Homo sapiens (human)]
Official Symbol	POU2F3
Synonyms	PLA1; OCT11; PLA-1; Epoc-1; OCT-11; OTF-11; Skn-1a
Gene ID	25833
mRNA Refseq	NM_014352.4

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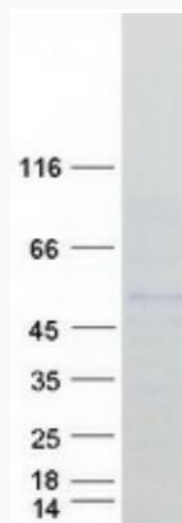
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Protein Refseq NP_055167.2

MIM 607394

UniProt ID Q9UKI9



Coomassie blue staining of purified POU2F3 protein.

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