

## Product datasheet for **TP310969**

### POU2F3 (NM\_014352) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human POU class 2 homeobox 3 (POU2F3), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210969 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MVNLESMHTDIKMSGDVADSTDARSTLSQVEPGNDRNGLDFNRQIKTEDLSDSLQQTLSHRPCHLSQGPA MMSGNQMSGLNASPCQDMASLHPLQQLVLPVGHLSQSVSQFLLSQTQPGQQGLQPNLLPFPQQQSGLLLPQ TGPGLASQAFGHPGLPGSSLEPHLEASQHLPVPKHLPSGGADEPSDLEELEKFAKTFKQRRIKLGFTQG DVGLAMGKLYGNDFSQTTISRFEALNLSFKNMCKLKPILLEKWLNDAESSPSDPSVSTPSSYPSLSEVFGR KRKKRTSIETNIRLTLEKRFQDNPKPSSEEISMIAEQLSMEKEVVRVWFCNRRQKEKRINCPVATPIKPP VYNSRLVSPSGSLGPLSVPPVHSTMPGTVTSSCSPGNNSRPSSPGSGLHASSPTASQNNNSKAAVNSASSF NSSGSWYRWNHSTYLH
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	47.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_055167</a></u>



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Locus ID: 25833

UniProt ID: [Q9UKI9](#)

RefSeq Size: 3013

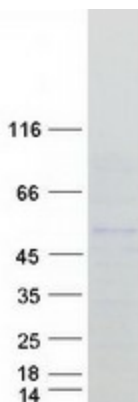
Cytogenetics: 11q23.3

RefSeq ORF: 1308

Synonyms: Epoc-1; OCT-11; OCT11; OTF-11; PLA-1; PLA1; Skn-1a

**Summary:** 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. [provided by RefSeq, Sep 2011]

### Product images:



Coomassie blue staining of purified POU2F3 protein (Cat# TP310969). The protein was produced from HEK293T cells transfected with POU2F3 cDNA clone (Cat# [RC210969]) using MegaTran 2.0 (Cat# [TT210002]).