

Product datasheet for **TP310969L**

POU2F3 (NM_014352) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human POU class 2 homeobox 3 (POU2F3), 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA >RC210969 protein sequence

Clone or AA **Red**=Cloning site **Green**=Tags(s)

Sequence:

MVNLESMTDIKMSGDVADSTDARSTLSQVEPGNDRNGLDFNRQIKTEDLSDSLQQTLSHRPCHLSQGPA
MMSGNQMSGLNASPCQDMASLHPLQQLVLPVGHLSQSVSQFLLSQTQPGQQGLQPNLLPFPQQQSGLLLPQ
TGPGLASQAFGHPGLPGSSLEPHLEASQHLVPKHLPSGGADEPSDLEELEKFAKTFKQRRIKLGFTQG
DVGLAMGKLYGNDFSQTTISRFEALNLSFKNMCKLKPILLEKWLNDAESSPSDPSVSTPSSYPSLSEVFGR
KRKKRTSIETNIRLTLEKRFQDNPKPSSEEISMIAEQLSMEKEVVRVWFCNRRQKEKRINCPVATPIKPP
VYNSRLVSPSGSLGPLSVPPVHSTMPGTVTSSCSPGNNSRPSSPGSGLHASSPTASQNNKAAVNSASSF
NSSGSWYRWNHSTYLH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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: [NP_055167](#)



[View online »](#)

Locus ID: 25833

UniProt ID: [Q9UKI9](#)

RefSeq Size: 3013

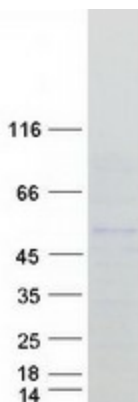
Cytogenetics: 11q23.3

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]).