

Product datasheet for PH310969

POU2F3 (NM_014352) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	POU2F3 MS Standard C13 and N15-labeled recombinant protein (NP_055167)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC210969
Predicted MW:	47.4 kDa
Protein Sequence:	>RC210969 protein sequence Red=Cloning site Green=Tags(s)

MVNLESMTDIIKMSGDVADSTDARSTLSQVEPGNDRNGLDFNRQIKTEDLSDSLQQTLSHRPCHLSQGPAMMSGNQMSGLNASPCQDMASLHPLQQLVLVPGHLQSVSQFLLSQTQPGQQLQPNLLPFPQQQSGLLLPQTGPGLASQAFGHPGLPGSSLEPHLEASQHLVVPKHLPSGGGADEPSDLEELEKFAKTFKQRRRIKLGFTQG DVGLAMGKLYGNDFSQTTISRFEALNLSFKNMCKLKPLLEKWLNDAESSPSDPSVSTPSSYPSLSEVFGRRKKRRTSIETNIRLTLEKRFQDNPKPSSEEISMIAEQLSMEKEVVRVWFVFCNRRQKEKRINCPVATPIKPPVYNSRLVSPSGSLGPLSVPPVHSTMPGTVTSSCSPGNNSRPSSPGSGLHASSPTASQNNKAAVNSASSFNSSGSWYRWNHSTYLH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_055167
RefSeq Size:	3013
RefSeq ORF:	1308
Synonyms:	Epoc-1; OCT-11; OCT11; OTF-11; PLA-1; PLA1; Skn-1a



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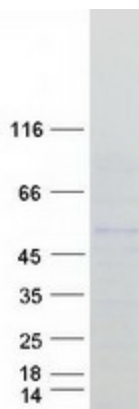
Locus ID: 25833

UniProt ID: [Q9UKI9](#)

Cytogenetics: 11q23.3

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]).