

## Product datasheet for TP316442

### FOXL1 (NM\_005250) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human forkhead box L1 (FOXL1), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC216442 representing NM_005250 Red=Cloning site Green=Tags(s)

MSHLFDPRLPALAASPMLYLYGPERPGLPLAFAPAAAALAASGRAETPQKPPYSYIALIAMAIQDAPEQRV  
TLNGIYQFIMDRFPFYHDNRQGWQNSIRHNLSLNDCFVKVPREKGRPGKGSYWTLDPRCLDMFENGNYRR  
RKRKPKPGGAPEAKRPRAETHQRSAAEQPEAGSGAGGSGPAISRLQAAPAGPSPLLDGSPAPLHWPG  
TASPNEADGAAQGA AVAVGQAARTGDGPGSPLRPASRSSPKSSDKSKSFSIDSILAGKQGQKPPSGDE  
LLGGAKPGGGRLGASLLAASSLRPPFNASLMLDPHVQGGFYQLGIPFLSYFPLQVPDVLHFQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	36.3 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:	<a href="#">NP_005241</a>
Locus ID:	2300



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UniProt ID: [Q12952](#), [Q498Y4](#)  
RefSeq Size: 1038  
Cytogenetics: 16q24.1  
RefSeq ORF: 1035  
Synonyms: FKH6; FKHL11; FREAC7

**Summary:** This gene encodes a member of the forkhead/winged helix-box (FOX) family of transcription factors. FOX transcription factors are characterized by a distinct DNA-binding forkhead domain and play critical roles in the regulation of multiple processes including metabolism, cell proliferation and gene expression during ontogenesis. [provided by RefSeq, Nov 2012]

**Protein Families:** Transcription Factors

### Product images:



Coomassie blue staining of purified FOXL1 protein (Cat# TP316442). The protein was produced from HEK293T cells transfected with FOXL1 cDNA clone (Cat# [RC216442]) using MegaTran 2.0 (Cat# [TT210002]).