

## Product datasheet for TP309127M

### FOXL2 (NM\_023067) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human forkhead box L2 (FOXL2), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209127 representing NM_023067 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MMASYPEPEDAAGALLAPETGRTVKEPEGPPSPGKGGGGGGTAPKPDPAQKPPYSYVALIAMAIRES AEKRLTLGGIYQYIIAKFPFYEKNNKKGWQNSIRHNLSLNECFIKVPREGGERKGNWTLDPACEDMFEK GNYRRRRRMKRPFPPPAHFQPGKGLFGAGGAAGGCGVAGAGADGYGYLAPPKYLQSGFLNNSWPLPQPP SPMPYASCQMAAAAAAAAAAAAAAAAAAGPGSPGAAAVKGLAGPAASYGPYTRVQSMALPPGVVNSYNGLGGP PAAPPPPPHPHPHAPHHLHAAAAPPPAPPHHGAAAPPPGQLSPASPATAAPPAPAPTSAPGLQFACARQ PELAMMHCSYWDHDSKTGALHSRLDL
	<b>SGP</b> TRRRLE <b>QKLISEEDLA</b> ANDILDY <b>KDDDDK</b> V
Tag:	C-Myc/DDK
Predicted MW:	38.6 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_075555</a></u>
Locus ID:	668



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UniProt ID: [P58012](#), [Q53ZD3](#)

RefSeq Size: 2744

Cytogenetics: 3q22.3

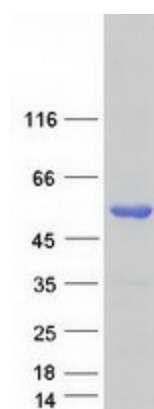
RefSeq ORF: 1128

Synonyms: BPES; BPES1; PFRK; PINTO; POF3

**Summary:** This gene encodes a forkhead transcription factor. The protein contains a fork-head DNA-binding domain and may play a role in ovarian development and function. Expansion of a polyalanine repeat region and other mutations in this gene are a cause of blepharophimosis syndrome and premature ovarian failure 3. [provided by RefSeq, Jul 2016]

**Protein Families:** Druggable Genome, Transcription Factors

### Product images:



Coomassie blue staining of purified FOXL2 protein (Cat# [TP309127]). The protein was produced from HEK293T cells transfected with FOXL2 cDNA clone (Cat# [RC209127]) using MegaTran 2.0 (Cat# [TT210002]).