

## Product datasheet for **TP303046M**

### **DERL2 (NM\_016041) Human Recombinant Protein**

#### **Product data:**

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human Der1-like domain family, member 2 (DERL2), 100 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone  
or AA Sequence:** >RC203046 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MAYQSLRLEYLQIPVSRAYTTACVLTTAAVQLELITPFQLYFNPELIFKHFQIWRLITNFFGPGVGFN  
FLFNIMIFLYRYCRMLEEGSFRGRTADFVFMFLFGGFLMTLFGFLVSLVFLGQAFTIMLVVWSRRNPYVR  
MNFFGLLNFAQPLPWVLMGFSLLLGNSIIVDLLGIAVGHIYFFLEDVFPNQPGGIRILKTPSILKAIFD  
TPDEDPNPNPLPEERPGGFAWGEGQRLGG

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-Myc/DDK

**Predicted MW:** 27.4 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\\_057125](#)

**Locus ID:** 51009

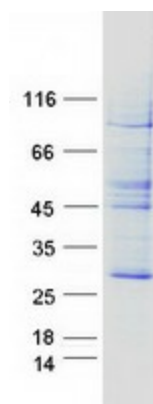
**UniProt ID:** [Q9GZP9](#)



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RefSeq Size:	1156
Cytogenetics:	17p13.2
RefSeq ORF:	717
Synonyms:	CGI-101; derlin-2; DERtrin-2; F-LAN-1; F-LANa; FLANa
Summary:	Proteins that are unfolded or misfolded in the endoplasmic reticulum (ER) must be refolded or degraded to maintain the homeostasis of the ER. DERL2 is involved in the degradation of misfolded glycoproteins in the ER (Oda et al., 2006 [PubMed 16449189]).[supplied by OMIM, Mar 2008]
Protein Families:	Transmembrane

### Product images:



Coomassie blue staining of purified DERL2 protein (Cat# [TP303046]). The protein was produced from HEK293T cells transfected with DERL2 cDNA clone (Cat# [RC203046]) using MegaTran 2.0 (Cat# [TT210002]).