

## Product datasheet for **TP310468L**

### **ANKRD2 (NM\_020349) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human ankyrin repeat domain 2 (stretch responsive muscle) (ANKRD2), transcript variant 1, 1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA</b>	>RC210468 protein sequence
<b>Clone or AA Sequence:</b>	<b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MAKAPSWAGV GALAYKAPEALWPAEAVMDGTMEDSEAVQRATALIEQRLAQEEENEKLRGDARQKLPMDL  
LVLEDEKHHGAQSAALQKVKGQERVRKTSGLDRREIIVGGIQNLIELRKKRQKQRDALAASHEPPPEP  
EETGVPDEETFLKAAVEGKMKVIEKFLADGGSADTCDQFRRTALHRASLEGHMEILEKLLDNGATVDFQ  
DRLDCTAMHWACRGGHLEVKLLQSHGADTNVRDKLLSTPLHVAVRTGQVEIVEHFLSLGLEINARDREG  
DTALHDAVRLNRYKIIKLLLHGADMMTKNLAGKTPTDLVQLWQADTRHALEHPEPGAEHNGLEGPNDSG  
RETPQVPAQ

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	39.7 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<u><a href="#">NP_065082</a></u>



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Locus ID: 26287

UniProt ID: [Q9GZV1](#)

RefSeq Size: 1520

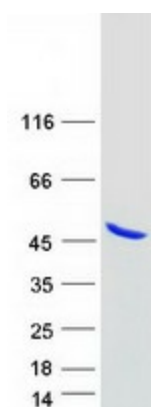
Cytogenetics: 10q24.2

RefSeq ORF: 1080

Synonyms: ARPP

**Summary:** This gene encodes a protein that belongs to the muscle ankyrin repeat protein (MARP) family. A similar gene in rodents is a component of a muscle stress response pathway and plays a role in the stretch-response associated with slow muscle function. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Mar 2014]

### Product images:



Coomassie blue staining of purified ANKRD2 protein (Cat# [TP310468]). The protein was produced from HEK293T cells transfected with ANKRD2 cDNA clone (Cat# [RC210468]) using MegaTran 2.0 (Cat# [TT210002]).