

Product datasheet for **TP310468**

ANKRD2 (NM_020349) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ankyrin repeat domain 2 (stretch responsive muscle) (ANKRD2), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC210468 protein sequence
Clone or AA Sequence:	Red =Cloning site Green =Tags(s)

MAKAPSWAGV GALAYKAPEALWPAEAVMDGTMEDSEAVQRATALIEQRLAQEEENEKLRGDARQKLPMDL
LVLEDEKHHGAQSAALQKVKGQERVRKTS LDRREIIDVGGIQNLIELRKKRKQKKRDALAA SHEPPPEP
EETGVPDEETFLKAAVEGKMKVIEKFLADGGSADTCDQFRRTALHRASLEGHMEILEKLLDNGATVDFQ
DRLDCTAMHWACRGGHLEVKLLQSHGADTNVRDKLLSTPLHVAVRTGQVEIVEHFLSLGLEINARDREG
DTALHDAVRLNRYKIIKLLLHGADMMTKNLAGKTPTDLVQLWQADTRHALEHPEPGA EHNGLGEPND SG
RETPQVPAQ

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	39.7 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>NP_065082</u>



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Locus ID: 26287

UniProt ID: [Q9GZV1](#)

RefSeq Size: 1520

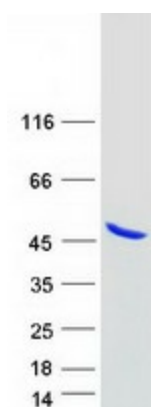
Cytogenetics: 10q24.2

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]).