

## Product datasheet for TP524447

### Ankrd2 (NM\_020033) Mouse Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Purified recombinant protein of Mouse ankyrin repeat domain 2 (stretch responsive muscle) (Ankrd2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

**Species:** Mouse

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >MR224447 representing NM\_020033  
Red=Cloning site Green=Tags(s)

MEGPEAVQRATELIEQRLAQEEETEKLRRSAPGKLSMDMLVLEEEKRLGVQSPALQKVKGQERVRKTSLD  
LRREIIDVGGIQLNLIELRKKRQKKRDALAAAQEPPEPEEITGPVNEETFLKAAVEGKMKVIDKYLDG  
GSADTCDEFRRALHRASLEGHMEILEKLENGATVDFQDRLDCTAMHWACRGGHLEVRLLQSRGADTN  
VRDKLLSTPLHVAVRTGHVEIVEHFLSLGLDINAKDREGDSALHDAVRLNRYKIIKLLLLHGADMMAKNL  
AGKTPTDLVQLWQADTRHALEHPEPESEQNGLERPGSGRETPOPIPAQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-MYC/DDK

**Predicted MW:** 36.7 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

**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 after receiving vials.

**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\\_064417](#)

**Locus ID:** 56642

**UniProt ID:** [Q9WV06](#)



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RefSeq Size: 1100

Cytogenetics: 19 C3

RefSeq ORF: 984

Synonyms: Arpp; mArpp

**Summary:** Functions as a negative regulator of myocyte differentiation. May interact with both sarcoplasmic structural proteins and nuclear proteins to regulate gene expression during muscle development and in response to muscle stress.[UniProtKB/Swiss-Prot Function]