

Recombinant Human ANKRD2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ANKRD2-5117H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ANKRD2 MS Standard C13 and N15-labeled recombinant protein (NP_001123453) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a protein that belongs to the muscle ankyrin repeat protein (MARF) 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.
Molecular Mass	36 kDa
AA Sequence	MAKAPSWAGVGALAYKAPEALWPAAVMDGTMEDSEAVQRATALIEQRLAQEEEN EKLRGDARQKLPMDLLVLEDEKHHGAQSAALQKVKGQERVVKTSLLDLRREIIDVGGI QNLIELRKKRKQKKRDALAASHEPPPEPEEITGPVDEETFLKAAVEGKMKVIEKFLAD GGSADTCDQFRRTALHRASLEGHMEILEKLLDNGATVDFQDRLDCTAMHWACRGG HLEVVKLLQSHGADTNVRDKEGDTALHDAVRLNRYKIIKLLLLHGADMMTKNLAGKT PTDLVQLWQADTRHALEHPEPGAENHGLEGPNDSGRETPQPVPAQTRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

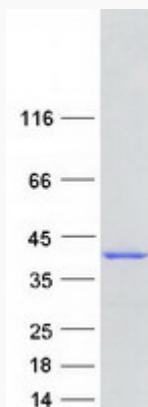
GENE INFORMATION

Gene Name	ANKRD2 ankyrin repeat domain 2 [Homo sapiens (human)]
Official Symbol	ANKRD2
Synonyms	ANKRD2; ankyrin repeat domain 2 (stretch responsive muscle); ankyrin repeat domain-containing protein 2; ARPP; hArpp; ankyrin-repeat protein; skeletal muscle ankyrin repeat protein; MGC104314;
Gene ID	26287
mRNA Refseq	NM_001129981
Protein Refseq	NP_001123453
MIM	610734
UniProt ID	Q9GZV1

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SDS-PAGE

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