

Recombinant Human ANKRD2, GST-tagged

Cat. No. ANKRD2-9667H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ANKRD2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-221+251-333a.a.
Description	ANKRD2 belongs to the conserved muscle ankyrin repeat protein (MARPs) family. Expression of MARPs is induced in response to physiologic stress, injury, and hypertrophy (Miller et al., 2003 [PubMed 14583192]).
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	ANKRD2 ankyrin repeat domain 2 (stretch responsive muscle) [Homo sapiens]
Official Symbol	ANKRD2

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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
Chromosome Location	10q23
Function	structural constituent of muscle;

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