

Recombinant Full Length Human ANKRD2 Protein, GST-tagged

Cat. No. ANKRD2-1199HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ANKRD2 full-length ORF (BAG37301.1, 1 a.a. - 333 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	333 amino acids
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. [provided by RefSeq, Mar 2014]
Molecular Mass	63.03 kDa
AA Sequence	MDGTMEDSEA VQRATALIEQ RLAQEEENEK LRGDTRQKLP MDLLVLEDEK HHGAQSAALQ KVKGQERVVRK TSLDLRREII DVGGIQNLIE LRKKRKQKKR DALAASHEPP PEPEEITGPV DEETFLKAAV EGKMKVIEKF LADGGSADTC DQFRRTALHR ASLEGHMEIL EKLLDNGATV DFQDRLDCTA MHWACRGGHL EVLKLLQSHG ADTNVRDKLL STPLHVAVRT GQVEIVEHFL SLGLEINARD REGDTALHDA VRLNRYKIIK LLLHGGADMM TKNLAGKTPT DLVQLWQADT RHALEHPEPG AEHNGLEGPN DSGRETPQPV PAQ

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Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

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