ANKRD12 cDNA Clone – Ankyrin Repeat Domain 12 (Human)

PRODUCT OVERVIEW

Product Name	ANKRD12, cDNA Clone
Full Product Name	ANKRD12 cDNA Clone
Product Gene Name	ANKRD12 cdna clone
Sequence	atgcccaaat ctgggttcac aaaaccaatt cagagtgaaa attctgacag tgacagcaat atggtagaga aaccatatgg aagaaagagt aaagacaaga ttgcatccta cagcaaaact ccaaaaattg aacgaagtga tgtgagcaag gagatgaaag agaaatcatc catgaaacgt aaacttcctt ttactattag cccatcaaga aatgaagaac gagattcaga cacagattca gatccaggac atacaagtga aaattggggg gagagactta tatcttctta caggacatac tcagagaaag aaggtccaga aaagaagaag acaaaaaagg aagctggaaa taagaaatcc acaccagtta gcattctttt tggttatcca ctctctgagc gaaaacagat ggcacttctt atgcagatga cagcaagaga caacagtcca gattccacac caaatcatcc atcacaaaca acgcctgccc aaaagaaaac tcccagttct tcatctcgac agaaagataa agttaataaa agaaatgaac gtggtgaaac tcctttacac atggctgcta ttcgaggaga tgtgaaacaa gttaaagaat taataagttt aggggcaaat gtgaatgtga aagattttgc aggttggaca ccactgcatg aagcttgcaa tgttggatat tacgatgttg ctaagatact tatagcagct ggagcagatg ttaacacaca aggattagat gatgacactc cactccatga ttctgctagt agtgggcaca gagatatagt aaagctgtta cttcgtcacg gtggaaatcc atttcaagct aataaacatg gggagcgtcc agtggatgta gcagaaacag aggagttgga gttgctacta aaaagagagg tgcctttatc tgatgatgat gaaagttaca caggatccag ctaccaattt gcaggaaatg ccaagctcag cggagcaagt tga
Molecular Weight	233,012 Da
OMIM	610616
Vector	pENTR223.1 or pUC
Clone Sequence Report	Provided with product shipment
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ANKRD12 cdna clone	MBS1267896 is a cDNA clone targeting ANKRD12.
Other Notes	Small volumes of ANKRD12 cdna clone vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ANKRD12. It may not necessarily be applicable to this product.

NCBI GI #	34785659
NCBI GeneID	23253
NCBI Accession #	BC057225
UniProt Secondary Accession #	O94951; Q658K1; Q6QMF7; Q9H231; Q9H784
UniProt Related Accession #	Q6UB98
NCBI Official Full Name	Homo sapiens ankyrin repeat domain 12, mRNA
NCBI Official Synonym Full Names	ankyrin repeat domain 12
NCBI Official Symbol	ANKRD12
NCBI Official Synonym Symbols	ANCO1; GAC-1; ANCO-2; Nbla00144
UniProt Protein Name	Ankyrin repeat domain-containing protein 12

UniProt Synonym Protein Names	Ankyrin repeat-containing cofactor 2; GAC-1 protein
Protein Family	Ankyrin repeat domain-containing protein
UniProt Gene Name	ANKRD12
UniProt Synonym Gene Names	ANCO2; KIAA0874
UniProt Entry Name	ANR12_HUMAN
NCBI Protein Information	ankyrin repeat domain-containing protein 12
NCBI Summary for ANKRD12	This gene encodes a member of the ankyrin repeats-containing cofactor family. These proteins may inhibit the transcriptional activity of nuclear receptors through the recruitment of histone deacetylases. The encoded protein interacts with p160 coactivators and also represses transcription mediated by the coactivator alteration/deficiency in activation 3 (ADA3). Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Feb 2011]
UniProt Comments for ANKRD12	ANKRD12: May recruit HDACs to the p160 coactivators/nuclear receptor complex to inhibit ligand-dependent transactivation. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Transcription, coactivator/corepressor Chromosomal Location of Human Ortholog: 18p11.22 Cellular Component: cytoplasm; nucleoplasm
Research Articles on ANKRD12	**1.** Study revealed that ANKRD12 mRNA were down regulated in CRC tumor tissues and low ANKRD12 expression was correlated with liver metastasis and poor survival of CRC patients.
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