ZNF649 cDNA Clone – Zinc Finger Protein 649 (Human)

PRODUCT OVERVIEW

Product Name	ZNF649, cDNA Clone
Full Product Name	ZNF649 cDNA Clone
Product Gene Name	ZNF649 cdna clone
Sequence	atgacaaagg cccaggaatc actgaccctg gaggatgtgg ctgtggactt cacctgggag gagtggcagt tcctgagccc tgctcagaag gacctgtacc gggatgtgat gttggagaac tacagcaacc ttgtgtcagt ggggtatcaa gccggcaaac ctgatgccct caccaagttg gaacaaggag aaccactatg gacactagaa gatgaaatcc acagtccagc ccacccagaa attgagaaag ctgatgatca tctgcagcag cccttgcaaa accaaaaaat actgaagagg acgggacaac gctatgaaca cggaagaact ttgaaatcat atttaggttt aaccaaccag agcagaagat acaacagaaa ggagcctgct gagtttaatg gagatggagc ttttctccat gataatcatg aacaaatgcc tacggaaatt gaattccctg aaagtagaaa acccatcagc accaagtcac aattccttaa acatcagcaa acacacaaca tagagaaagc ccatgaatgc actgactgtg ggaaagcttt cctcaagaag tctcagctca ctgagcataa gagaattcat acaggaaaga aaccccacgt gtgtagcttg tgtgggaaag ccttctacaa gaagtacagg ctcactgaac acgagagagc tcacagagga gagaaacccc acgggtgtag cttgtgtggg aaagccttct acaagaggta caggctcact gaacacgaga gagctcacaa aggagagaaa ccatacgggt gcagtgaatg tgggaaagcc ttccccagga aatctgagct tactgaacat caaaggattc acacgggaat taagccccat caatgcagcg aatgtgggag agctttctcc agaaaatcac tactcgttgt acatcagcga actcatacag gagagaagcc tcatacatgc agtgaatgtg gaaaaggctt cattcagaag ggcaatctca acatacatca acgaactcac actggagaga aaccttatgg atgcattgac tgtggcaagg ccttcagcca gaagtcttgc cttgtagcac atcagagata tcatacagga aagactccct ttgtatgtcc tgaatgtggg caaccctgtt cacagaagtc aggactcatt agacatcaga aaattcactc aggagagaaa ccctataaat gcagtgactg tgggaaagcc ttccttacaa agacaatgct cattgtacat cacagaactc acacgggaga gagaccctat ggctgtgatg agtgtgagaa agcttacttc tatatgtctt gccttgttaa acataagaga atacactcaa gggagaaacg gggggattca gtgaaggtgg aaaatccttc cacagcaagt cacagcttaa gtcctagtga acatgtgcag gggaaaagcc ctgttaatat ggtaactgtg gcaatggtgg cagggcagtg tgagtttgcc cacatcctgc attcatga
Molecular Weight	57,683 Da
OMIM	611903
Vector	Please Inquire
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ZNF649 cdna clone	MBS1273988 is a cDNA clone targeting ZNF649.
Other Notes	Small volumes of ZNF649 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 ZNF649. It may not necessarily be applicable to this product.

NCBI GI #	13529205
NCBI GeneID	65251
NCBI Accession #	BC005368
UniProt Secondary Accession #	Q9H9N2; A8MYJ5; B2RDC4
UniProt Related Accession #	Q9BS31
NCBI Official Full Name	Homo sapiens zinc finger protein 649, mRNA
NCBI Official Synonym Full Names	zinc finger protein 649
NCBI Official Symbol	ZNF649
UniProt Protein Name	Zinc finger protein 649

Protein Family	Zinc finger protein
UniProt Gene Name	ZNF649
UniProt Entry Name	ZN649_HUMAN
NCBI Protein Information	zinc finger protein 649
UniProt Comments for ZNF649	ZNF649: Transcriptional repressor. Regulator of transcriptional factor complexes and may suppress SRE and AP-1 transcription activities mediated by growth factor signaling pathways. Belongs to the krueppel C2H2-type zinc-finger protein family. Protein type: C2H2-type zinc finger protein; Transcription factor Chromosomal Location of Human Ortholog: 19q13.41 Cellular Component: extracellular space; nucleus Molecular Function: protein binding; transcription factor activity Biological Process: negative regulation of transcription from RNA polymerase II promoter; positive regulation of transcription from RNA polymerase II promoter
Research Articles on ZNF649	**1.** These results suggest that ZNF649 protein may act as a transcriptional repressor in mitogen-activated protein kinase signaling pathway to mediate cellular functions.
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