CHIC2 cDNA Clone – Cysteine-Rich Hydrophobic Domain 2 (Human)

PRODUCT OVERVIEW

Product Name	CHIC2, cDNA Clone
Full Product Name	CHIC2 cDNA Clone
Product Gene Name	CHIC2 cdna clone
Sequence	atggcggatt tcgacgaaat ctatgaggaa gaggaggacg aggagcgggc cctggaggag cagctgctca agtactcgcc ggacccggtg gtcgtccgcg gctccggtca cgtcaccgta tttggactga gcaacaaatt tgaatctgaa ttcccttctt cattaactgg aaaagtagct cctgaagaat ttaaagccag catcaacaga gttaacagtt gtcttaagaa gaaccttcct gttaatgtac gttggctact ttgtggctgc ctttgttgct gctgcacatt aggttgcagt atgtggccag ttatttgcct cagtaaaaga acacgaagat cgattgagaa gttattagaa tgggaaaaca ataggttata ccacaagctg tgcttgcatt ggagactgag caaaaggaaa tgtgaaacga ataacatgat ggaatatgtc atcctcatag aatttttacc aaagacaccg atttttcgac cagattag
Molecular Weight	19,254 Da
OMIM	604332
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 CHIC2 cdna clone	MBS1268530 is a cDNA clone targeting CHIC2.
Other Notes	Small volumes of CHIC2 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 CHIC2. It may not necessarily be applicable to this product.

NCBI GI #	21961596
NCBI GeneID	26511
NCBI Accession #	BC034691
UniProt Secondary Accession #	B2R639
UniProt Related Accession #	Q9UKJ5
NCBI Official Full Name	Homo sapiens cysteine-rich hydrophobic domain 2, mRNA
NCBI Official Synonym Full Names	cysteine rich hydrophobic domain 2
NCBI Official Symbol	CHIC2
NCBI Official Synonym Symbols	BTL
UniProt Protein Name	Cysteine-rich hydrophobic domain-containing protein 2
UniProt Synonym Protein Names	BrX-like translocated in leukemia
Protein Family	Cysteine-rich hydrophobic domain-containing protein
UniProt Gene Name	CHIC2

UniProt Synonym Gene Names	BTL
UniProt Entry Name	CHIC2_HUMAN
NCBI Protein Information	cysteine-rich hydrophobic domain-containing protein 2
NCBI Summary for CHIC2	This gene encodes a member of the CHIC family of proteins. The encoded protein contains a cysteine-rich hydrophobic (CHIC) motif, and is localized to vesicular structures and the plasma membrane. This gene is associated with some cases of acute myeloid leukemia. [provided by RefSeq, Jul 2008]
UniProt Comments for CHIC2	CHIC2: A chromosomal aberration involving CHIC2 is found in a form of acute myeloid leukemia (AML). Translocation t(4;12)(q12;p13) with ETV6. Belongs to the CHIC family. Chromosomal Location of Human Ortholog: 4q11 Cellular Component: Golgi-associated vesicle; plasma membrane Molecular Function: protein binding Biological Process: Golgi to plasma membrane transport Disease: Leukemia, Acute Myeloid
Research Articles on CHIC2	**1.** studied a new FISH method to detect CHIC2 deletion, FIP1L1/PDGFRA fusion and PDGFRA translocation in patients with myeloid neoplasms associated with eosinophilia
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