Recombinant Full Length Human CFC1 Protein, GST-tagged

Cat. No. CFC1-3293HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CFC1 full-length ORF (NP_115934.1, 1 a.a. - 223 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	223 amino acids
Description	This gene encodes a member of the epidermal growth factor (EGF)- Cripto, Frl-1, and Cryptic (CFC) family, which are involved in signalling during embryonic development. Proteins in this family share a variant EGF-like motif, a conserved cysteine-rich domain, and a C-terminal hydrophobic region. The protein encoded by this gene is necessary for patterning the left-right embryonic axis. Mutations in this gene are associated with defects in organ development, including autosomal visceral heterotaxy and congenital heart disease. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jul 2012]
Molecular Mass	51 kDa
AA Sequence	MTWRHHVRLLFTVSLALQIINLGNSYQREKHNGGREEVTKVATQKHRQSPLNWTSS HFGEVTGSAEGWGPEEPLPYSRAFGEGASARPRCCRNGGTCVLGSFCVCPAHFT GRYCEHDQRRSECGALEHGAWTLRACHLCRCIFGALHCLPLQTPDRCDPKDFLAS HAHGPSAGGAPSLLLLLPCALLHRLLRPDAPAHPRSLVPSVLQRERRPCGRPGLGH

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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	CFC1 cripto, FRL-1, cryptic family 1 [Homo sapiens]
Official Symbol	CFC1
Synonyms	CFC1; cripto, FRL-1, cryptic family 1; cryptic protein; CRYPTIC; HTX2; cryptic family protein 1; CFC1B; DTGA2; FLJ77897; MGC133213;
Gene ID	55997
mRNA Refseq	NM_032545
Protein Refseq	NP_115934
MIM	605194
UniProt ID	P0CG37

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