

# Recombinant Full Length Human CFC1 Protein, GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Human CFC1 full-length ORF (NP_115934.1, 1 a.a. - 223 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	223 amino acids
<b>Description</b>	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]
<b>Molecular Mass</b>	51 kDa
<b>AA Sequence</b>	MTWRHHVRLLFVSLALQIINLGNSYQREKHNGGREEVTKVATQKHRQSPLNWTSS HFGEVTGSAEGWGPEEPLPYSRAFGEASARPRCCRNNGGTCVLGSCVCPAHT GRYCEHDQRRSECGALEHGAWTLRACHLCRCIFGALHCLPLQTPDRCDPKDFLAS HAHGPSAGGAPSLLLLLPCALLHRLLRPDAPAHPRSLVPSVLQRERRPCGRPGLGH

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	RL
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	CFC1 cripto, FRL-1, cryptic family 1 [ Homo sapiens ]
<b>Official Symbol</b>	CFC1
<b>Synonyms</b>	CFC1; cripto, FRL-1, cryptic family 1; cryptic protein; CRYPTIC; HTX2; cryptic family protein 1; CFC1B; DTGA2; FLJ77897; MGC133213;
<b>Gene ID</b>	55997
<b>mRNA Refseq</b>	NM_032545
<b>Protein Refseq</b>	NP_115934
<b>MIM</b>	605194
<b>UniProt ID</b>	P0CG37

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA