

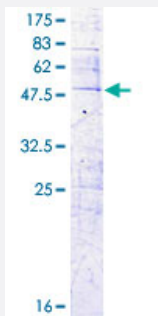
Full-Length

CFC1 (Human) Recombinant Protein (P01)

Catalog # H00055997-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CFC1 full-length ORF (NP_115934.1, 1 a.a. - 223 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MTWRHHVRLFTVSLALQIINLGNSYQREKHNGGREEVTKVATQKHRQSPLNWTSSHFGEVTGSA
EGWGPEEPLPYSAFGEASARPRCCRNNGTCVLGSFCVCPAHFTGRYCEHDQRRSECGALE
HGAWTLRACHLCRCIFGALHCLPLQTPDRCDPKDFLASHAHGPSAGGAPSLLLLLPCALLHRLLR
PDAPAHPRSLVPSVLQRERRPCGRPGLGHRL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

51

Interspecies Antigen Sequence

Mouse (54); Rat (55)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CFC1

Entrez GeneID [55997](#)

GeneBank Accession# [NM_032545.2](#)

Protein Accession# [NP_115934.1](#)

Gene Name CFC1

Gene Alias CRYPTIC, FLJ77897, HTX2, MGC133213

Gene Description crypto, FRL-1, cryptic family 1

Omim ID [217095](#) [605194](#) [605376](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the epidermal growth factor (EGF)- Crypto, Frl-1, and Cryptic (CFC) family. EGF-CFC family member proteins share a variant EGF-like motif, a conserved cysteine-rich domain, and a C-terminal hydrophobic region. These proteins play key roles in intercellular signaling pathways during vertebrate embryogenesis. Mutations in this gene can cause autosomal visceral heterotaxy. This protein is involved in left-right asymmetric morphogenesis during organ development. [provided by RefSeq]

Other Designations cryptic

Disease

- [Cleft Lip](#)

- [Cleft Palate](#)
- [Heart Defects](#)
- [Heart Septal Defects](#)