

Datasheet for ABIN7318343

CFC1 Protein (His tag)



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Overview

Quantity:	50 µg
Target:	CFC1
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CFC1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Cryptic/CFC1 Protein (His Tag)
Sequence:	Tyr26-Gly169
Characteristics:	Recombinant Human Cryptic protein is produced by our Mammalian expression system and the target gene encoding Tyr26-Gly169 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CFC1
Alternative Name:	Cryptic/CFC1 (CFC1 Products)
Background:	Background: Cryptic (CFC1) is a member of the epidermal growth factor (EGF)- Cripto, Fr1-1, and Cryptic (CFC) family. It contains an EGF-like domain, and is glycosylated on its N-terminal during post-translational modification. Cryptic is identified as a NODAL coreceptor involved in

Target Details

the correct establishment of the left-right axis. It may play a role in mesoderm and/or neural patterning during gastrulation. The unnormal expression of this gene may causes a series of diseases such as HTX2, Transposition of the great arteries dextro-looped 2, and Conotruncal heart malformations.

Synonym: Cryptic protein,Cryptic family protein 1,CFC1

Molecular Weight: 16.9 kDa

UniProt: [P0CG37](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.