

## Product datasheet for **TP727216**

### CFC1 Human Recombinant Protein

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | Recombinant Human Cryptic Protein (C-6His)  |
| Species:                              | Human   |
| Expression cDNA Clone or AA Sequence: | Met1-Gly169   |
| Tag:                                  | C-His   |
| Buffer:                               | Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.   |
| Note:                                 | 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.  |
| Storage:                              | Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.   |
| Stability:                            | 12 months from date of despatch   |
| Locus ID:                             | 55997   |
| UniProt ID:                           | <a href="#">P0CG37</a>  |
| Synonyms:                             | Cryptic protein;Cryptic family protein 1;CFC1   |
| Summary:                              | Cryptic (CFC1) is a member of the epidermal growth factor (EGF)- Cripto, Frl-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 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. |



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