

## Cryptic Protein, Human (HEK293, His)

Cat. No.:	HY-P7892
Synonyms:	rHuCryptic, His; Cryptic protein; Cryptic family protein 1; CFC1
Species:	Human
Source:	HEK293
Accession:	P0CG37 (Y26-G169)
Gene ID:	55997
Molecular Weight:	17-30 kDa

### PROPERTIES

AA Sequence	<p>Y Q R E K H N G G R    E E V T K V A T Q K    H R Q S P L N W T S    S H F G E V T G S A</p> <p>E G W G P E E P L P    Y S R A F G E G A S    A R P R C C R N G G    T C V L G S F C V C</p> <p>P A H F T G R Y C E    H D Q R R S E C G A    L E H G A W T L R A    C H L C R C I F G A</p> <p>L H C L P L Q T P D    R C D P K D F L A S    H A H G</p>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	Cryptic (CFC1), a member of the epidermal growth factor-Cripto/FRL-1/Cryptic (EGF-CFC) gene family. Inactivation of Cfc1 in mice results in laterality defects and complex cardiac malformations. CFC1 variants could be a rare cause of congenital heart disease in patients without laterality defects <sup>[1]</sup> .
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### REFERENCES

**Caution: Product has not been fully validated for medical applications. For research use only.**

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