

Datasheet for ABIN7544305

**Cripto-3 Protein (AA 1-188) (His tag)**[Go to Product page](#)

## Overview

Quantity:	1 mg
Target:	Cripto-3 (TDGF1P3)
Protein Characteristics:	AA 1-188
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Cripto-3 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant CRIPTO3 Protein expressed in mammalian cells.
Sequence:	MDCRKMVRFS YSVIWIWMAIS KAFELGLVAG LGHQEFARPS RGDLAFRDDS IWPQEEPAIR PRSSQRVLPM GIQHSKELNR TCCLNGGTCM LESFCACPPS FYGRNCEHDV RKENCGSVPH DTWLPKKCSL CKCWHGQLRC FPQAFLPGCD GLVMDEHLVA SRTPELPPSA RTTTFMLAGI CLSIQSY <b>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits: <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and</li></ul>

## Product Details

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transmembrane proteins.

- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

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Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
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Grade:	custom-made
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## Target Details

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Target:	Cripto-3 (TDGF1P3)
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Alternative Name:	CRIPTO3 ( <a href="#">TDGF1P3 Products</a> )
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Background:	Putative protein CRIPTO3 (Cripto, EGF-CFC family member 3) (Cripto-3 growth factor) (Epidermal growth factor-like cripto protein CR3) (Teratocarcinoma-derived growth factor 1 pseudogene 3) (Teratocarcinoma-derived growth factor 3),FUNCTION: Could play a role in the determination of the epiblastic cells that subsequently give rise to the mesoderm. Activates the Nodal-dependent signaling pathway. {ECO:0000269 PubMed:18835250}.
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Molecular Weight:	21.2 kDa
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UniProt:	<a href="#">P51864</a>
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## Application Details

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Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Restrictions:	For Research Use only
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## Handling

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Format:	Liquid
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## Handling

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months