

# Recombinant human Cripto1/CRIPTO protein (Tagged) ab190395

### Description

<b>Product name</b>	Recombinant human Cripto1/CRIPTO protein (Tagged)
<b>Biological activity</b>	Measured by its binding ability in a functional ELSA. Immobilized recombinant Human Nodal protein at 2µg/ml (100µl/well) can bind rhCripto-1 with a linear range of 0.5-100 ng/ml.
<b>Purity</b>	> 90 % SDS-PAGE. ab190395 was refolded using a unique temperature shift inclusion body refolding technology and chromatographically purified.
<b>Expression system</b>	Escherichia coli
<b>Accession</b>	<b><u>P13385</u></b>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	MASMTGGQQMGRGHHHHHHGNLYFQGGEFLGHQEFARP SRGYLAFRDDSI WPQEEPAIRPRSSQVRVPPMGIQHSKELNRTCCLNGGTCM LGSFCACPPSF YGRNCEHDVRKENCGSVPHDTWLPPKKCSLCKCWHGQL RCFPQAFLPGCD
<b>Predicted molecular weight</b>	17 kDa including tags
<b>Amino acids</b>	31 to 150
<b>Additional sequence information</b>	Full length protein without signal peptide or propeptide. Constructed with a small T7-His-TEV cleavage site Tag (29 amino acids) fusion at the N-terminal.

### Specifications

Our **Abpromise guarantee** covers the use of **ab190395** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	SDS-PAGE
<b>Form</b>	Liquid
<b>Additional notes</b>	This product was previously labelled as Cripto1

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## Preparation and Storage

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<b>Stability and Storage</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituent: 0.32% Tris HCl  Contains NaCl, EDTA, KCl, arginine, DTT and glycerol.  This product is an active protein and may elicit a biological response in vivo, handle with caution.
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## General Info

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<b>Function</b>	Could play a role in the determination of the epiblastic cells that subsequently give rise to the mesoderm.
<b>Tissue specificity</b>	Preferentially expressed in gastric and colorectal carcinomas than in their normal counterparts.
<b>Sequence similarities</b>	Contains 1 EGF-like domain.
<b>Cellular localization</b>	Cell membrane.

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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
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If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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