

Cripto - 1, CR - 1
Synthetic Peptide
Catalog # SP2179b**Specification**

Cripto - 1, CR - 1 - Product Information

Primary Accession	P51865
Other Accession	P13385
Sequence	NH2-CPPSFYGRNCEHDVRKE-COOH

Cripto - 1, CR - 1 - Additional Information**Gene ID** 21667**Other Names**

Teratocarcinoma-derived growth factor, Cripto growth factor, Epidermal growth factor-like Cripto protein, Tdgf1, Cripto

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

Cripto - 1, CR - 1 - Protein Information**Name** Cripto**Synonyms** Tdgf1**Function**

GPI-anchored cell membrane protein involved in Nodal signaling. Cell-associated CRIPTO acts as a Nodal coreceptor in cis. Shedding of CRIPTO by Tmem8a modulates Nodal signaling by allowing soluble CRIPTO to act as a Nodal coreceptor on other cells. Could play a role in the determination of the epiblastic cells that subsequently give rise to the mesoderm.

Cellular Location

Cell membrane; Lipid-anchor, GPI-anchor. Secreted {ECO:0000250|UniProtKB:P13385}.

Note=Released from the cell membrane by GPI cleavage. {ECO:0000250|UniProtKB:P13385}

Tissue Location

Expressed at low level in specific organs of the adult animal such as spleen, heart, lung and brain. During gastrulation, expressed in the forming mesoderm. In later stages of the developing heart, expression is restricted to the truncus arteriosus

Cripto - 1, CR - 1 - Images