



# Human TDGF1 blocking peptide (DAG-P0387)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene encodes an epidermal growth factor-related protein that contains a cripto, FRL-1, and cryptic domain. The encoded protein is an extracellular, membrane-bound signaling protein that plays an essential role in embryonic development and tumor growth. Mutations in this gene are associated with forebrain defects. Pseudogenes of this gene are found on chromosomes 2, 3, 6, 8, 19 and X. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Mar 2010]
<b>Specificity</b>	Preferentially expressed in gastric and colorectal carcinomas than in their normal counterparts.
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	BL
<b>Sequence Similarities</b>	Contains 1 EGF-like domain.
<b>Format</b>	Lyophilised
<b>Preservative</b>	None
<b>Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">TDGF1 teratocarcinoma-derived growth factor 1 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	TDGF1
<b>Synonyms</b>	TDGF1; teratocarcinoma-derived growth factor 1; CR; CRGF; CRIPTO; cripto-1 growth factor; epidermal growth factor-like cripto protein CR1;

<b>Entrez Gene ID</b>	<a href="#">6997</a>
<b>mRNA Refseq</b>	<a href="#">NM_001174136.1</a>
<b>Protein Refseq</b>	<a href="#">NP_001167607.1</a>
<b>UniProt ID</b>	F5H1T8
<b>Chromosome Location</b>	3p21.31
<b>Pathway</b>	Developmental Biology, organism-specific biosystem; Glypican 1 network, organism-specific biosystem; Regulation of Signaling by NODAL, organism-specific biosystem; Signaling by NODAL, organism-specific biosystem;
<b>Function</b>	growth factor activity; protein binding; receptor binding;