



Human TDGF1 blocking peptide (DAG-P0387)

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

PRODUCT INFORMATION

Antigen Description	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]
Specificity	Preferentially expressed in gastric and colorectal carcinomas than in their normal counterparts.
Conjugate	Unconjugated
Applications	BL
Sequence Similarities	Contains 1 EGF-like domain.
Format	Lyophilised
Preservative	None
Storage	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

Gene Name	TDGF1 teratocarcinoma-derived growth factor 1 [Homo sapiens (human)]
Official Symbol	TDGF1
Synonyms	TDGF1; teratocarcinoma-derived growth factor 1; CR; CRGF; CRIPTO; cripto-1 growth factor; epidermal growth factor-like cripto protein CR1;

Entrez Gene ID	6997
mRNA Refseq	NM_001174136.1
Protein Refseq	NP_001167607.1
UniProt ID	F5H1T8
Chromosome Location	3p21.31
Pathway	Developmental Biology, organism-specific biosystem; Glycan 1 network, organism-specific biosystem; Regulation of Signaling by NODAL, organism-specific biosystem; Signaling by NODAL, organism-specific biosystem;
Function	growth factor activity; protein binding; receptor binding;
