



Human FOLR1 peptide (DAG-P1616)

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

PRODUCT INFORMATION

Antigen Description	The protein encoded by this gene is a member of the folate receptor family. Members of this gene family bind folic acid and its reduced derivatives, and transport 5-methyltetrahydrofolate into cells. This gene product is a secreted protein that either anchors to membranes via a glycosyl-phosphatidylinositol linkage or exists in a soluble form. Mutations in this gene have been associated with neurodegeneration due to cerebral folate transport deficiency. Due to the presence of two promoters, multiple transcription start sites, and alternative splicing, multiple transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Oct 2009]
Specificity	Exclusively expressed in tissues of epithelial origin. Expression is increased in malignant tissues. Expressed in kidney, lung and cerebellum.
Purity	70 - 90% by HPLC.
Conjugate	Unconjugated
Sequence Similarities	Belongs to the folate receptor family.
Format	Liquid
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	FOLR1 folate receptor 1 (adult) [Homo sapiens (human)]
Official Symbol	FOLR1

Synonyms	FOLR1; folate receptor 1 (adult); FBP; FOLR; folate receptor alpha; FR-alpha; KB cells FBP; folate binding protein; folate receptor, adult; adult folate-binding protein; ovarian tumor-associated antigen MOv18;
Entrez Gene ID	2348
mRNA Refseq	NM_000802.3
Protein Refseq	NP_000793.1
UniProt ID	P15328
Chromosome Location	11q13.3-q14.1
Pathway	Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem;
Function	folic acid binding; folic acid binding; folic acid transporter activity; receptor activity;