

Product datasheet for **TP726893**

Folate Binding Protein (FOLR1) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Folate Receptor α /FOLR1 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Arg25-Ser234
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Human Folate Receptor alpha is produced by our Mammalian expression system and the target gene encoding Arg25-Ser234 is expressed with a 6His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	2348
UniProt ID:	P15328
Summary:	Folate receptor alpha(FOLR) belongs to the folate receptor family, and is primarily expressed in tissues of epithelial origin. It is also expressed in kidney, lung and cerebellum. The secreted form is derived from the membrane-bound form either by cleavage of the GPI anchor, or/and by proteolysis catalyzed by a metalloprotease. FOLR1 binds to folate and reduced folic acid derivatives and mediates delivery of 5-methyltetrahydrofolate and folate analogs into the interior of cells. It has high affinity for folate and folic acid analogs at neutral pH. Exposure to slightly acidic pH after receptor endocytosis triggers a conformation change that strongly reduces its affinity for folates and mediates their release. It is required for normal embryonic development and normal cell proliferation.



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