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FOLR1

Catalog # PVGS1775

Product Information

Primary Accession	A0A2K5U044/NP_001181576.1
Species	Cynomolgus/Rhesus macaque
Sequence	Arg25-Met233
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Endotoxin Level	Less than 1EU per μg by the LAL method.
Biological Activity	Immobilized FOLR1, His, Cynomolgus/Rhesus macaque (Cat.No.: Z03928) at 1 μg/ml (100 μl/Well) on the plate can bind Anti-FOLR1 Antibody, hFc Tag
Expression System	HEK293
Theoretical Molecular Weight	25.6 kDa
Formulation **Reconstitution**	Lyophilized from a 0.22 μm filtered solution in PBS, pH 7.4 . It is recommended that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute the lyophilized powder in ddH_2O more than 100 μg/ml.
Storage & Stability	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

Additional Information

Target Background	Folate Receptor 1 (FOLR1), also known as Folate Receptor alpha and Folate Binding Protein (FBP), is a 37 - 42 kDa protein that mediates the cellular uptake of folic acid and reduced folates. Dietary folates are required for many key metabolic processes including nucleotide and methionine synthesis, the interconversion of glycine and serine, and histidine breakdown. FOLR1 binds to folate and reduced folic acid derivatives and mediates delivery of 5-methyltetrahydrofolate and folate analogs into the interior of cells. Has high affinity for folate and folic acid analogs at neutral pH.

Protein Information

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.