

**PRODUCT INFORMATION**

<b>Target</b>	FOLR1
<b>Synonyms</b>	FBP1; Folbp1; Folbp-1
<b>Description</b>	Recombinant mouse FOLR1 protein with C-terminal 10×His tag
<b>Delivery</b>	In Stock
<b>Uniprot ID</b>	P35846
<b>Expression Host</b>	HEK293
<b>Tag</b>	C-10×His tag
<b>Molecular Characterization</b>	Mouse FOLR1(Thr25-Ser232)+10×His tag
<b>Molecular Weight</b>	The protein has a predicted molecular mass of 25.6 kDa after removal of the signal peptide. The apparent molecular mass of mFOLR1-His is approximately 25-55 kDa due to glycosylation.
<b>Purity</b>	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
<b>Formulation &amp; Reconstitution</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
<b>Storage &amp; Shipping</b>	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
<b>Background</b>	Predicted to enable carboxylic acid binding activity; folic acid receptor activity; and signaling receptor activity. Involved in circulatory system development; nervous system development; and regulation of signal transduction. Acts upstream of or within folic acid metabolic process. Predicted to be located in several cellular components, including apical plasma membrane; basolateral plasma membrane; and brush border membrane. Predicted to be anchored component of plasma membrane. Predicted to be anchored component of external side of plasma membrane. Is expressed in several structures, including brain; early conceptus; genitourinary system; gut; and retina. Human ortholog(s) of this gene implicated in cerebral folate receptor alpha deficiency. Orthologous to human FOLR1 (folate receptor alpha). [provided by Alliance of Genome Resources, Apr 2022]
<b>Usage</b>	Research use only
<b>Conjugate</b>	Unconjugated





Figure 1. Mouse FOLR1 Protein, His Tag on SDS-PAGE under reducing condition.

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