PRODUCT INFORMATION

Target	FOLR1
Synonyms	FBP1; Folbp1; Folbp-1
Description	Recombinant mouse FOLR1 protein with C-terminal 10×His tag
Delivery	In Stock
Uniprot ID	P35846
Expression Host	HEK293
Tag	C-10×His tag
Molecular Characterization	Mouse FOLR1(Thr25-Ser232)+10×His tag
Molecular Weight	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.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	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.
Storage&Shipping	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.
Background	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]
Usage	Research use only
Conjugate	Unconjugated

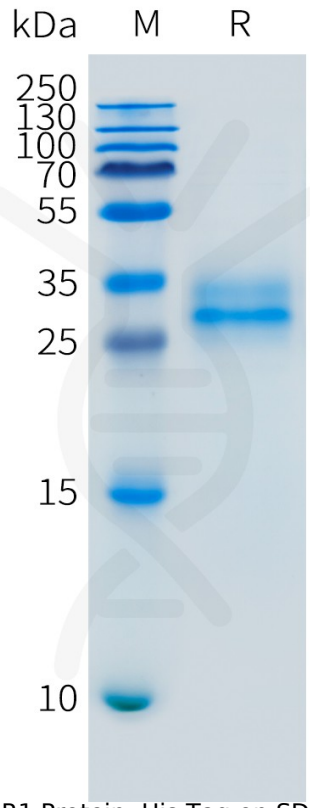

Figure 1. Mouse FOLR1 Protein, His Tag on SDS-PAGE under reducing condition.