

Datasheet for ABIN6810020

FOLR1 Protein (AA 25-233) (Strep Tag)**3** Images[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	FOLR1
Protein Characteristics:	AA 25-233
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FOLR1 protein is labelled with Strep Tag.

Product Details

Sequence:	AA 25-233
Characteristics:	This protein carries a twin strep tag at the C-terminus. The protein has a calculated MW of 27.6 kDa. The protein migrates as 33-40 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Purity:	>95 % as determined by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	FOLR1
Alternative Name:	FOLR1 (FOLR1 Products)

Target Details

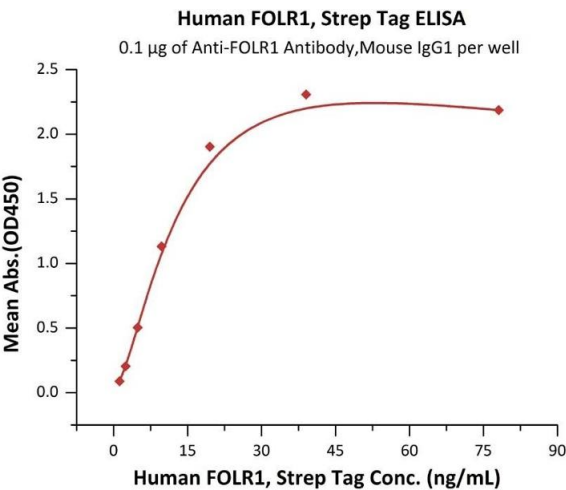
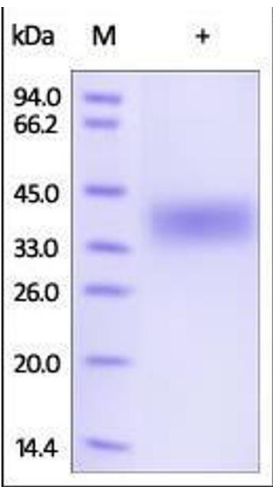
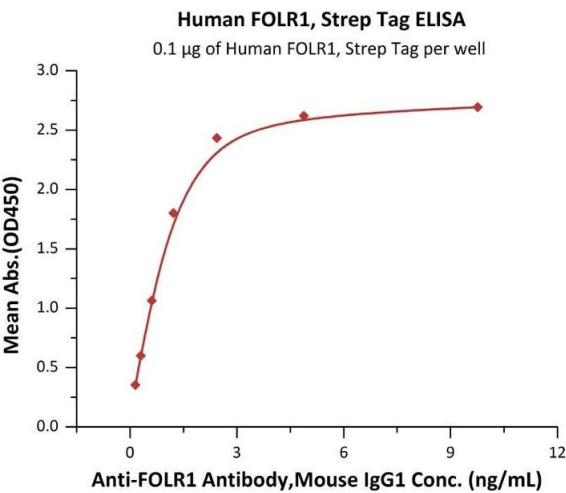
Background:	Folate Receptor 1 (FOLR1) is also known as Folate receptor alpha, Folate Binding Protein (FBP), FOLR, and is a member of the folate receptor (FOLR) family. Members of this gene family have a high affinity for folic acid and for several reduced folic acid derivatives, and mediate delivery of 5-methyltetrahydrofolate to the interior of cells. Mature FOLR1 is an N-glycosylated protein that is anchored to the cell surface by a GPI linkage. FOLR1 is predominantly expressed on epithelial cells and is dramatically upregulated on many carcinomas. FOLR1 is internalized to the endosomal system where it dissociates from its ligand before recycling to the cell surface. A soluble form of FOLR1 can be proteolytically shed from the cell surface into the serum and breast milk. Defects in FOLR1 are the cause of neurodegeneration due to cerebral folate transport deficiency (NCFTD). NCFTD is an autosomal recessive disorder resulting from brain-specific folate deficiency early in life.
Molecular Weight:	27.6 kDa
NCBI Accession:	NP_057937
Pathways:	Dicarboxylic Acid Transport

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	PBS, pH 7.4
Handling Advice:	Please avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	No activity loss was observed after storage at: In lyophilized state for 1 year (4 °C), After reconstitution under sterile conditions for 3 months (-70 °C).



ELISA

Image 1. Immobilized Human FOLR1, Strep Tag (ABIN2181116, ABIN2181115, ABIN6810020) at 1 µg/mL (100 µL/well) can bind A Antibody, Mouse IgG1 with a linear range of 0.2-1 ng/mL (QC tested).

SDS-PAGE

Image 2.

ELISA

Image 3. Immobilized A Antibody, Mouse IgG1 at 1 µg/mL (100 µL/well) can bind Human FOLR1, Strep Tag (ABIN2181116, ABIN2181115, ABIN6810020) with a linear range of 1-20 ng/mL (Routinely tested).