

Datasheet for ABIN7013520

**FOLR2 Protein (AA 34-245) (His tag)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µg
Target:	FOLR2
Protein Characteristics:	AA 34-245
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This FOLR2 protein is labelled with His tag.

## Product Details

Characteristics:	Cynomolgus FOLR2 Protein, His Tag
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

## Target Details

Target:	FOLR2
Alternative Name:	FOLR2 ( <a href="#">FOLR2 Products</a> )
Background:	Folate receptor beta is also known as Folate receptor 2, FBP, FOLR2, BETA-HFR, FBP/PL-1, FR-BETA, FR-P3, and is a member of the folate receptor (FOLR) family. and mediate delivery of 5-methyltetrahydrofolate to the interior of cells. This protein has a 68 % and 79 % sequence homology with the FOLR1 and FOLR3 proteins, respectively. The FOLR2 protein was originally thought to exist only in placenta, but is also detected in spleen, bone marrow, and thymus.

## Target Details

FOLR2 is predominantly expressed in placenta, cells of the neutrophilic lineage, and some CD34+ hematopoietic progenitor cells. It is upregulated on myeloid leukemias, head and neck squamous cell carcinomas, and several nonepithelial cancers. It is also upregulated on macrophages and monocytes at chronic inflammatory sites including rheumatoid arthritis synovium and glioblastoma. FOLR2 is a marker for macrophages generated in the presence of M-CSF, but not GM-CSF. Its expression correlates with increased folate uptake ability. Folate conjugates of therapeutic drugs are a potential immunotherapy tool to target tumor-associated macrophages.

Molecular Weight: 26.5 kDa

Pathways: [Dicarboxylic Acid Transport](#)

## Application Details

Restrictions: For Research Use only

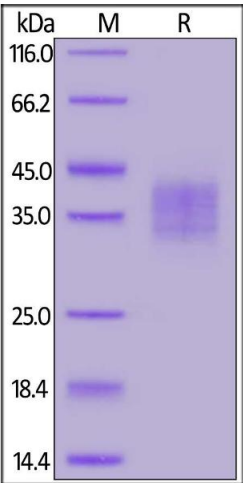
## Handling

Format: Lyophilized

Buffer: 50 mM Tris, 100 mM Glycine, pH 7.5

Storage: -20 °C

## Images



### SDS-PAGE

**Image 1.** Cynomolgus FOLR2, His Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90 % .