HUMAN FOLR1 PROTEIN, HIS TAG

Cat.#: 11250

Product Name: Human FOLR1 Protein

Size : 10 μg, 50 μg and 100 μg

Synonyms: FBP;FOLR;FRalpha

Target: FOLR1

UNIPROT ID: P15328

Description: Recombinant Human FOLR1 Protein with C-terminal 6xHis tag

Background: The protein encoded by this gene is a member of the folate receptor family. Members of this gene family bind folic acid and its reduced derivatives, and transport 5-methyltetrahydrofolate into cells. This gene product is a secreted protein that either anchors to membranes via a glycosyl-phosphatidylinositol linkage or exists in a soluble form. Mutations in this gene have been associated with neurodegeneration due to cerebral folate transport deficiency. Due to the presence of two promoters, multiple transcription start sites, and alternative splicing, multiple transcript variants encoding the same protein have been found for this gene.

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 25.5 kDa after removal of the signal peptide.

Molecular Characterization: FOLR1(Arg25-Ser234) 6×His tag

Purity: The purity of the protein is greater than 90% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

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.

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC APPLICATIONS

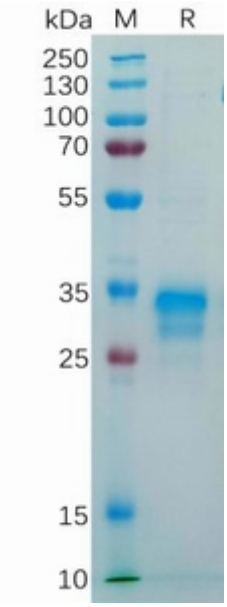

Figure 1. Human FOLR1 Protein, His Tag on SDS-PAGE under reducing condition.