

Human FOLR3 Protein

Cat. No. FOL-HM1R3

Description

Source	Recombinant Human FOLR3 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Gln23-Ser245.
Accession	P41439-1
Molecular Weight	The protein has a predicted MW of 26.63 kDa. Due to glycosylation, the protein migrates to 32-45 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	>95% as determined by Bis-Tris PAGE >95% as determined by HPLC

Formulation and Storage

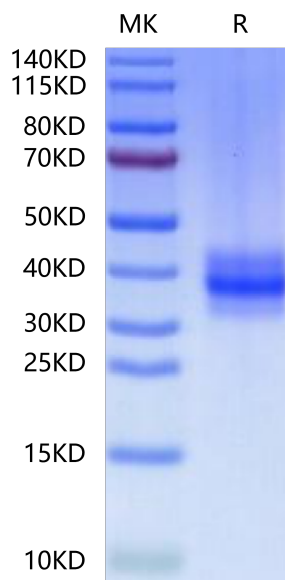
Formulation	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

FOLR3 (Folate Receptor 3) is a member of the folate receptor family that plays a role in the transport of folic acid and its derivatives. It is a secretory protein that is not membrane-bound and is thought to enhance the bioavailability of folic acid, which in turn can reduce plasma homocysteine (Hcy) levels. Elevated Hcy levels are associated with an increased risk of various diseases, including neurodegenerative disorders and cardiovascular diseases.

Assay Data

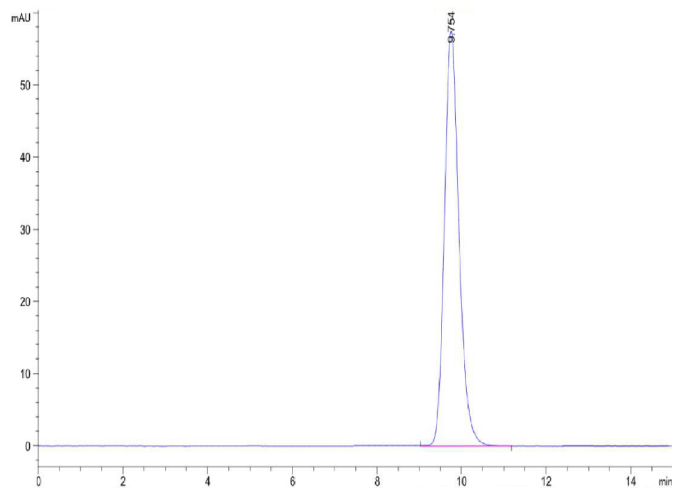
Bis-Tris PAGE



Human FOLR3 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

Assay Data



The purity of Human FOLR3 is greater than 95% as determined by SEC-HPLC.