

Recombinant Human PIK3R5 protein (His tag)

Catalog Number:PDEH100309



Note: Centrifuge before opening to ensure complete recovery of vial contents.

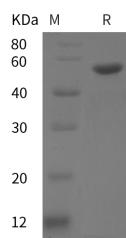
Description

Synonyms	Phosphoinositide 3-kinase regulatory subunit 5; PIK3R5;PI3-kinase regulatory subunit 5
Species	Human
Expression Host	E.coli
Sequence	Met 1-Pro 494
Accession	Q8WYR1-2
Calculated Molecular Weight	54.2 kDa
Observed molecular weight	58 kDa
Tag	N-His & C-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Phosphoinositide 3-kinase regulatory subunit 5 (PIK3R5; also PI3-kinase p101 subunit, PtdIns-3-kinase p101, and p101-PI3K) is a 97 kDa regulatory subunit of the PI3K gamma complex. It is expressed as a heterodimer with the catalytic subunit PIK3CG/p120. Human PIK3R5 is 880 amino acids (aa) in length. The heterodimerization region is made up of aa 25-101, and aa 653-753 comprise the region for interaction with G beta gamma proteins. A second 55 kDa isoform is formed by the deletion of aa 1-386.

For Research Use Only

A Reliable Research Partner in Life Science and Medicine

Toll-free: 1-888-852-8623

Web: www.elabscience.com

Tel: 1-832-243-6086

Email: techsupport@elabscience.com

Fax: 1-832-243-6017