Recombinant Human PIK3IP1 Protein (His Tag)

Catalog Number:PKSH032898

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

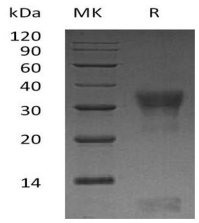
Description

Synonyms	Kringle domain-containing protein HGFL;PIK3IP1;HGFL
Species	Human
Expression Host	HEK293 Cells
Sequence	Ser22-Thr168
Accession	Q96FE7
Calculated Molecular Weight	16.7 kDa
Observed molecular weight	23-39 kDa
Tag	C-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 μm filtered solution of 50mM Tris-HCl, 10mM reduced Glutathione, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer informatio
Reconstitution	Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

Background

Phosphoinositide-3-kinase-interacting protein 1(PIK3IP1) is an enzyme that in humans is encoded by the PIK3IP1 gene.It is a negative regulator of phosphatidylinositol-3-kinase (PI3K), suppresses the development of hepatocellular carcinoma. The gene encoding PIK3IP1 maps to human chromosome 22, which houses over 500 genes and is the second smallest human chromosome. Mutations in several of the genes that map to chromosome 22 are involved in the development of Phelan-McDermid syndrome, Neurofibromatosis type 2, autism and schizophrenia.

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