

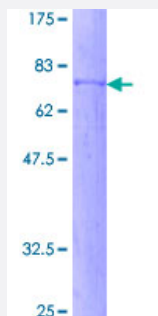
Full-Length

PIK3R3 (Human) Recombinant Protein (P01)

Catalog # H00008503-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PIK3R3 full-length ORF (NP_003620.2, 1 a.a. - 461 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MYNTVWSMDRDDADWREVMMPYSTELIFYIEMDPPALPPKPPKPM TSAVPNGMKDSSVSLQDA
EWYWGDISREEVNDKLRDMPDGTFLVRDASTKMQGDYTLTRKGGNNKLIKMYHRDGKYGFSDPL
TFNSVVELINHYHHESLAQYNPKLDVKLMYPVSR YQQDQLVKEDNIDAVGKKLQEYHSQYQEKSK
EYDRLYEEYTRTSQEIQMKRTAIEAFNETIKIFEEQCHTQEQHSKEYIERFRREGNEKEIERIMMNYD
KLKSRLGEIHDSKMRLEQDLKNQALDNREIDKKMNSIKPDLIQLRKIRDQHLVWLNHKGVRQKRLN
VWLGIKNEDAAENYFINEEDENLPHYDEKTFWVEDINRVQAEDLLYGKPDGAFLIRESSKKGCYAC
SVVADGEVKHCVIYSTARGYGFAEPYNLYSSLKELVLHYQQTSLVQHNDSLNVRLAYPVHAQMPS
LCR

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

80.8

Interspecies Antigen Sequence

Mouse (96)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — PIK3R3

Entrez GeneID	8503
GeneBank Accession#	NM_003629.2
Protein Accession#	NP_003620.2
Gene Name	PIK3R3
Gene Alias	DKFZp686P05226, FLJ41892, p55, p55-GAMMA
Gene Description	phosphoinositide-3-kinase, regulatory subunit 3 (gamma)
Omim ID	606076
Gene Ontology	Hyperlink
Gene Summary	O
Other Designations	100% homology to SWISS-PROT Q92569 OTTHUMP00000009783 OTTHUMP00000009786 phosphatidylinositol 3-kinase, regulatory subunit, polypeptide 3 (p55, gamma) phosphoinositide-3-kinase, regulatory subunit 3 (p55, gamma) phosphoinositide-3-kinase, regulatory subun

Pathway

- [Acute myeloid leukemia](#)
- [Apoptosis](#)
- [B cell receptor signaling pathway](#)
- [Chemokine signaling pathway](#)
- [Chronic myeloid leukemia](#)
- [Colorectal cancer](#)
- [Endometrial cancer](#)
- [ErbB signaling pathway](#)
- [Fc epsilon RI signaling pathway](#)
- [Fc gamma R-mediated phagocytosis](#)
- [Focal adhesion](#)
- [Glioma](#)
- [Insulin signaling pathway](#)
- [Jak-STAT signaling pathway](#)
- [Leukocyte transendothelial migration](#)
- [Melanoma](#)
- [mTOR signaling pathway](#)
- [Natural killer cell mediated cytotoxicity](#)
- [Neurotrophin signaling pathway](#)
- [Non-small cell lung cancer](#)
- [Pancreatic cancer](#)
- [Pathways in cancer](#)
- [Phosphatidylinositol signaling system](#)
- [Prostate cancer](#)
- [Regulation of actin cytoskeleton](#)
- [Renal cell carcinoma](#)

- [Small cell lung cancer](#)
- [T cell receptor signaling pathway](#)
- [Toll-like receptor signaling pathway](#)
- [Type II diabetes mellitus](#)
- [VEGF signaling pathway](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Prostatic Neoplasms](#)
- [Tobacco Use Disorder](#)