

PI3KCb recombinant protein

Recombinant Human PI3KCb protein

CATALOG #
AAA119915

HOST
E Coli

PRODUCT SYNONYMS

PI3KCb; Recombinant Human PI3KCb protein; Phosphatidylinositol 4; 5-bisphosphate 3-kinase catalytic subunit beta isoform; PI3-kinase subunit beta; PI3K-beta; PI3Kbeta; PtdIns-3-kinase subunit beta; 5-bisphosphate 3-kinase 110kDa catalytic subunit beta; PtdIns-3-kinase subunit p110-beta; p110beta; PI3KCb recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>90% as determined by SDS-PAGE
Form/Format	Lyophilized. Lyophilized from PBS pH 7.4, 0.2% NLS, 5% Trehalose, 5% Mannose, 1mM EDTA.
Species	Homo sapiens (Human)
Protein Construction	A DNA sequence encoding the human PI3KCb (Met152-Val349) was fused with His tag
Reconstitution	Reconstitute in sterile water for a stock solution.
Preparation and Storage	Store at 2 to 8 degree C for one week. Store at -20 to -80 degree C for twelve months from the date of receipt. Use a manual defrost freezer and avoid repeated freeze thaw cycles. In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise.

ADDITIONAL INFORMATION

Related Product Information for PI3KCb recombinant protein	PIK3CB gene encodes an isoform of the catalytic subunit of phosphoinositide 3-kinase (PI3K). These kinases are important in signaling pathways involving receptors on the outer membrane of eukaryotic cells and are named for their catalytic subunit. The encoded protein is the catalytic subunit for PI3Kbeta (PI3KB). PI3KB has been shown to be part of the activation pathway in neutrophils which have bound immune complexes at sites of injury or infection. Alternative splicing results in multiple transcript variants.
Product Categories/Family for PI3KCb recombinant protein	Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	365777411
NCBI GeneID	5291
NCBI Accession #	NP_001242974.1
NCBI GenBank Nucleotide #	NM_001256045.1
UniProt Accession #	P42338 ; Q24JU2 ; D3DNF0
Molecular Weight	1070
NCBI Official Full Name	phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit beta isoform isoform 2
NCBI Official Synonym Full Names	phosphatidylinositol-4,5-bisphosphate 3-kinase, catalytic subunit beta

NCBI Official Symbol	PIK3CB
NCBI Official Synonym Symbols	PI3K; PIK3C1; P110BETA; PI3KBETA
NCBI Protein Information	phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit beta isoform; PI3K-beta; PtdIns-3-kinase p110; PI3-kinase subunit beta; PI3-kinase p110 subunit beta; ptdIns-3-kinase subunit beta; ptdIns-3-kinase subunit p110-beta; phosphoinositide-3-kinase
UniProt Protein Name	Phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit beta isoform
UniProt Gene Name	PIK3CB
UniProt Synonym Gene Names	PIK3C1; PI3-kinase subunit beta; PI3K-beta; PI3Kbeta; PtdIns-3-kinase subunit beta; PtdIns-3-kinase subunit p110-beta; p110beta
UniProt Entry Name	PK3CB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/pik3cb-recombinant-protein-e-coli/119915>