Phosducin (Pdc) Recombinant Protein | Pdc recombinant protein

Recombinant Rat Phosducin (Pdc)

CATALOG #	HOST
AAA114073	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

Phosducin (Pdc); Recombinant Rat Phosducin (Pdc); Pdc recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-246aa; Full Length Protein
Sequence	MEEAASQSLE EDFEGQATHT GPKGVINDWR KFKLESEDGD SIPPSKKEIL RQMSSPQSRD DKDSKERMSR KMSIQEYELI HQDKEDEGCL RKYRRQCMQD MHQKLSFGPR YGFVYELETG EQFLETIEKE QKVTTIVVNI YEDGVRGCDA LNSSLECLAA EYPMVKFCKI RASNTGAGDR FSSDVLPTLL VYKGGELISN FISVAEQFAE DFFAADVESF LNEYGLLPER EIHDLGQTNT EDEDIE
Species	Rat
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Pdc recombinant protein	This gene encodes a phosphoprotein, which is located in the outer and inner segments of the rod cells in the retina. This protein may participate in the regulation of visual phototransduction or in the integration of photoreceptor metabolism. It modulates the phototransduction cascade by interacting with the beta and gamma subunits of the retinal G-protein transducin. This gene is a potential candidate gene for retinitis pigmentosa and Usher syndrome type II. Alternatively spliced transcript variants encoding different isoforms have been identified.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6981344
NCBI GeneID	25343
NCBI Accession #	NP_037004.1
NCBI GenBank Nucleotide #	NM_012872.1
UniProt Accession #	P20942; Q63420
Molecular Weight	28,129 Da
NCBI Official Full Name	phosducin
NCBI Official Synonym Full Names	phosducin
NCBI Official Symbol	Pdc
NCBI Official Synonym Symbols	MEKA; Rpr1; 33DPTP

NCBI Protein Information	phosducin
UniProt Protein Name	Phosducin
UniProt Gene Name	**Pdc**
UniProt Synonym Gene Names	Rpr1; PHD; RPR-1

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/pdc-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114073