

Recombinant Human [Pyruvate dehydrogenase [acetyl-transferring]]-phosphatase 2, mitochondrial

Catalog No: #AP71547

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Package Size: #AP71547-1 20ug #AP71547-2 100ug #AP71547-3 1mg

Description

Product Name	Recombinant Human [Pyruvate dehydrogenase [acetyl-transferring]]-phosphatase 2, mitochondrial
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:67-529aaSequence Info:Full Length
Other Names	Pyruvate dehydrogenase phosphatase catalytic subunit 2 ;PDPC 2
Accession No.	Q9P2J9
Uniprot	Q9P2J9
GeneID	57546;
Calculated MW	56.4 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	STEEDDFHLQLSPEQINEVLRAGETTHKILDLESRVNSVLRVFESNQLAANSPVEDRRRGVASCLQTNGLMFGIF DGHGGHACAQAVSERLFYYVAVSLMSHQTLHEMGEAMESMKPLLPIHHLKHPGDSIYKDVTSVHLDHLRVY WQELDLHMEMGLSIEEALMYSFQRLDSDISLEIQAPLEDEVTRNLSLQVAFSGATACMAHVDGIHLHVNAG DCRAILGVQEDNGMWSCPLTRDHNAWNQAELSRLKREHPESEDRTIIMEDRLLGVLIPCRAFGDVQLKWSK ELQRSILERGFNTEALNIYQFTPPHYTTPPYLTAEPEVTYHRLRPQDKFLVLASDGLWDMLSNEDVVRLVVGHL AEADWHKTDLAQRPANLGLMQSLLLQRKASGLHEADQNAATRLIRHAIGNNEYGEMEAERLAAMLTPEDLA RMYRDDITVTVVYFNSESIGAYYKGG
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Catalyzes the dephosphorylation and concomitant reactivation of the alpha subunit of the E1 component of the pyruvate dehydrogenase complex.

References

Prediction of the coding sequences of unidentified human genes. XVI. The complete sequences of 150 new cDNA clones from brain which code for large proteins in vitro.Nagase T., Kikuno R., Ishikawa K., Hirotsawa M., Ohara O.DNA Res. 7:65-73(2000)Research Topic:Metabolism

Note: This product is for in vitro research use only