

Recombinant human PCTAIRE1 protein (Active)
ab177586

2 Images

Description

Product name	Recombinant human PCTAIRE1 protein (Active)
Biological activity	The specific activity of ab177586 was determined to be 40 nmol/mim/mg.
Purity	> 90 % SDS-PAGE. Purity assessed by densitometry. Affinity purified.
Expression system	Baculovirus infected Sf9 cells
Accession	<u>NM_006201</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	(PCTAIRE1) RKISTEDINKRLSLPADIRLPEGYLEKLTLSNPIFDKP LSRRLRRVSLSEIGFGKLETYIKLDKLGEPTYATVYKGKSKL TDNLVALK EIRLEHEEGAPCTAIREVSLLKDLKHANIVTLHDIHTEKSLT LVFEYLD KDLKQYLDDCGNIIMHNVKLFLFQLLRGLAYCHRQKVLHR DLKPQNLLI NERGELKLADFGLARAKSIPTKTYSNEVVTLWYRPPDILLG STDYSTQID MWGVGCIFYEMATGRPLFPGSTVEEQLHFIFRILGTPTEET WPGILSNEE FKTYNYPKYRAEALLSHAPRLSDGADLLTKLLQFEGRNRI SAEDAMKHP FFLSLGERIHKLPDTSIFALKEIQLQKEASLRSSSMPDSG RPAFRVVDTEF (Cyclin Y) GNTTSCCVSSSPKLRRNAHSRLESYRPDSDLSDREDTGCN LQHISDR ENIDDLNMEFNPSDHPRASTIFLSKSQTDVREKRKSLFINH HPPGQIARK YSSCSTIFLDDSTVSQPNLKYTIKCVALAMYHIKNRDPDGR MLLDIFDE

NLHPLSKSEVPPDYDKHNPEQKQIYRFVRTLFSA AQLTAE
CAVTLVYLE
RLLTYAEIDICPANWKRMLGAILLASKVWDDQAVWNVDYC
QILKDITVE
DMNELERQFLELLQFNINVPSSVYAKYYFDLRSLAEANNL
SFPLEPLSRE
RAHKLEAISRLCEDKYKDLRRSARKRSASADNLTLP RWS
PAIIS

Predicted molecular weight	66 kDa including tags
Amino acids	107 to 496
Tags	proprietary tag N-Terminus
Additional sequence information	Cyclin Y accession number is NM_145012 (aa 2-341) . Molecular weight is 64 kDa including N terminal proprietary tag.

Specifications

Our **Abpromise guarantee** covers the use of **ab177586** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Functional Studies Western blot
Form	Liquid
Additional notes	<u>ab56270</u> (Human Rb protein fragment), <u>ab89813</u> (Histone H1 protein) and <u>ab64311</u> (Myelin Basic Protein protein) can be utilized as a substrate for assessing kinase activity

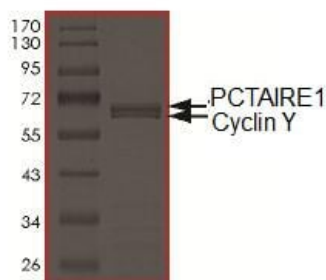
Preparation and Storage

Stability and Storage	Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle. pH: 7.50 Constituents: 0.79% Tris-HCl buffer, 0.88% Sodium chloride, 0.31% Glutathione, 0.003% EDTA, 0.004% DTT, 0.002% PMSF, 25% Glycerol (glycerin, glycerine) This product is an active protein and may elicit a biological response in vivo, handle with caution.
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General Info

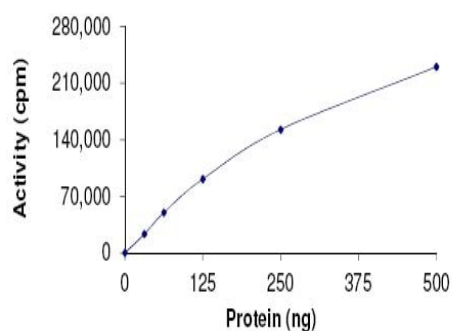
Function	May play a role in signal transduction cascades in terminally differentiated cells.
Sequence similarities	Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. CDC2/CDKX subfamily. Contains 1 protein kinase domain.

Images



SDS-PAGE - Recombinant human PCTAIRE1 protein (Active) (ab177586)

The purity of ab177586 was determined to be >90% by densitometry.



Functional Studies - Recombinant human PCTAIRE1 protein (Active) (ab177586)

The specific activity of ab177586 was determined to be 40 nmol/mim/mg.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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