

Product datasheet

Recombinant human PDGFR alpha protein ab84797

2 Images

Overview

Product name	Recombinant human PDGFR alpha protein
Protein length	Protein fragment

Description

Nature	Recombinant
Source	Baculovirus infected Sf9 cells
Amino Acid Sequence	
Accession	P16234-1
Species	Human
Molecular weight	95 kDa
Amino acids	550 to 1089
Tags	GST tag N-Terminus
Additional sequence information	Recombinant fragment of Human PDGF Receptor alpha (550-end) (cytoplasmic domain).

Specifications

Our [Abpromise guarantee](#) covers the use of **ab84797** in the following tested applications.

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

Biological activity	Specific activity: 12nmol/min/mg.
Applications	Western blot Functional Studies
Form	Liquid
Additional notes	ab204877 (Poly (4:1 Glu, Tyr) peptide) can be utilized as a substrate for assessing kinase activity

Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.50 Constituents: 0.0038% EGTA, 0.00174% PMSF, 0.00385% DTT, 0.79% Tris HCl, 0.00292%
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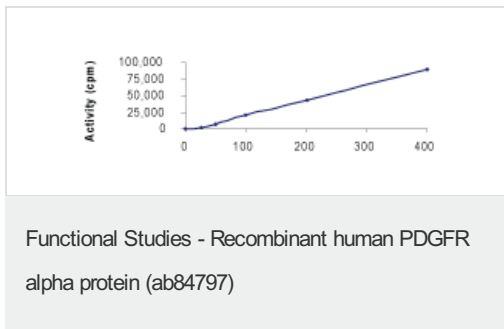
EDTA, 25% Glycerol, 0.87% Sodium chloride

This product is an active protein and may elicit a biological response in vivo, handle with caution.

General Info

Function	Receptor that binds both PDGFA and PDGFB and has a tyrosine-protein kinase activity.
Tissue specificity	Expressed in primary and metastatic colon tumors and in normal colon tissue. Tumors may express a different isoform to that found in normal tissue.
Involvement in disease	Note=A chromosomal aberration involving PDGFRA is found in some cases of hypereosinophilic syndrome. Interstitial chromosomal deletion del(4)(q12q12) causes the fusion of FIP1L1 and PDGFRA (FIP1L1-PDGFR). Note=Chromosomal translocation t(8;12)(p11;p12) causes the fusion of FIP1L1 and PDGFRA (FIP1L1-PDGFR).
Sequence similarities	Belongs to the protein kinase superfamily. Tyr protein kinase family. CSF-1/PDGF receptor subfamily. Contains 5 Ig-like C2-type (immunoglobulin-like) domains. Contains 1 protein kinase domain.
Cellular localization	Membrane.

Images



Activity of ab84797



SDS Page analysis of ab84797

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