

Product datasheet

Recombinant Human PDGFR alpha protein ab109932

[1 Image](#)

Description

Product name	Recombinant Human PDGFR alpha protein
Purity	> 85 % SDS-PAGE. ab109932 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>P16234</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	<p>MGSSHHHHHSSGLVPRGSHAHTGLYTCYNNHTQTEEN ELEGRHIYVP DPDVAFVPLGMDYLVVEDDDSAIIPCRITDPETPVTLHN SEGVVPASY DSRQGFNGTFMQLSLPSILPNENEKVVQLNSSFSLRCFG ESEVSWQYPMS EEESSDVEIRNEENNSGLFVTVLEVSSASATVGPYICEAT VKGKKFQTIP FNVYALKATSELDLEMEALKTVYKSGETIVVTCVFNNEV VDLQWTYPGE VKGKGITMLEEIKVPSIKLVYTLVPEATVKDSDGYECAAR QATREVKEM KKVTISVHEKGFIEIKPTFSQLEAVNLHEVKHFVVEVRAYP PPRISWLKN NLTLIENLTEITDVEKIQEIRYRSKLLIRAKEEDSGHYTVA QNEDAV KSYTFELLTQVPSSILDLVDDHHGSTGGQTVRCTAEGTPL PDIEWMICKD IKKCNNETSWTILANNVSNITEIHSRDRSTVEGRVTFKVE ETIAVRCLAKNLLGAENRELKLVAPTLRSE</p>
Predicted molecular weight	58 kDa including tags
Amino acids	24 to 524
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab109932** 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
Form	Liquid

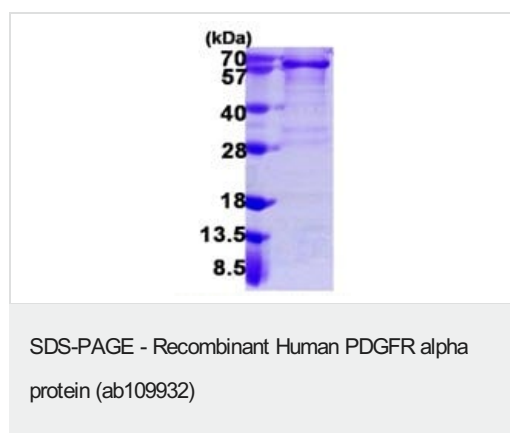
Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.02% DTT, 0.32% Tris HCl, 20% Glycerol, 0.58% Sodium chloride
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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 A).
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



15% SDS-PAGE showing ab109932 at approximately 58.4 kDa (3µg).

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

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

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- We investigate all quality concerns to ensure our products perform to the highest standards

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