

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>MGSSHHHHHHSSGLVPRGSHAHTGLYTCYNNHTQTEEN ELEGRHIYVP DPDVAFVPLGMDYLVVEDDDSAIIPCRITDPETPVTLHN SEGVVPASY DSRQGFNGTFMQLSLPSILPNENEKVVQLNSSFSLRCFG ESEVSWQYPMS EESSDVEIRNEENNSGLFVTVLEVSSASATVGPYICEAT VKGKKFQTIP FNVYALKATSELDLEMEALKTVYKSGETIVVTCVFNNEV VDLQWTYPGE VKGKGITMLEEIKVPSIKLVYTLVPEATVKDSGDYECAAR 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 |

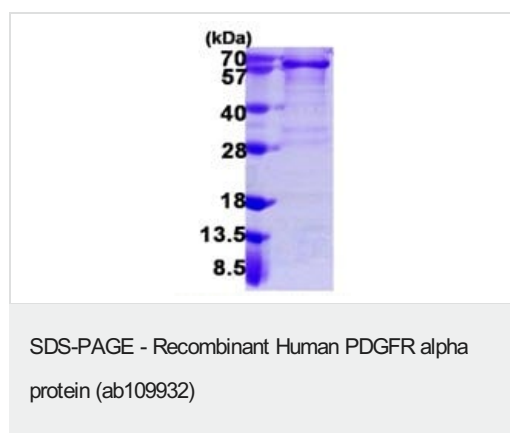
Preparation and Storage

| | |
|------------------------------|--|
| 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 |
|------------------------------|--|

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). |
| 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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- Response to your inquiry within 24 hours

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