Recombinant Mouse PDGFR alpha (N-GST tag)

Cat No:HR2R2211

For research use only

Overview

Quantity	10 ?g
Gene Symbol	PDGFRa
Gene ID	N/A
Accession	NM_011058
Alternative Name	CD140a; Pdgfr-2; AI115593
Species	Mouse
Source	Insect cells
Description	PDGFRa (platelet-derived growth factor receptor A) is a member of the PDGFR family of membrane receptors with intrinsic tyrosine kinase activity. Aberrant expression of PDGFRa has been linked to developmental abnormalities in vertebrate models and has been implicated in multiple disease states in humans. There is widespread expression of PDGFRa in renal cell types involved in fibrotic and sclerosing processes. PDGF and its receptor PDGFRa are inducers of fibrosis in the repair phase of inflammatory bowel disease and they may also be involved in the active inflammatory phase .
Functions	The specific activity of PDGFRa was determined to be 14 nmol /min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	100
Purity	70% - 90%
Concentration	
Shipping Condition	Dry Ice
Storage Condition	Store product at ?70?C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.