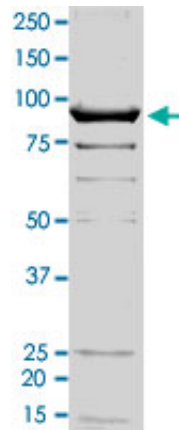


Recombinant Human PDGFRB Protein (561-1106), GST-tagged

Product Information

Cat	<i>IMP-8736</i>
Official Symbol	<i>PDGFRB</i>
Product Overview	<i>Human PDGFRB (NM_002609, 561 a.a-1106 a.a.) partial recombinant protein with GST tag was expressed in Sf9 cells.</i>
Description	<i>This gene encodes a cell surface tyrosine kinase receptor for members of the platelet-derived growth factor family. These growth factors are mitogens for cells of mesenchymal origin. The identity of the growth factor bound to a receptor monomer determines whether the functional receptor is a homodimer or a heterodimer, composed of both platelet-derived growth factor receptor alpha and beta polypeptides. This gene is flanked on chromosome 5 by the genes for granulocyte-macrophage colony-stimulating factor and macrophage-colony stimulating factor receptor; all three genes may be implicated in the 5-q syndrome. A translocation between chromosomes 5 and 12, that fuses this gene to that of the translocation, ETV6, leukemia gene, results in chronic myeloproliferative disorder with eosinophilia.</i>
Expression System	<i>Insect cells</i>
Species	<i>Human</i>
Tag	<i>GST</i>
Form	<i>Liquid, In 50 mM Hepes, 100 mM NaCl, pH 7.5. (5 mM DTT, 4 mM reduced glutathione, 20% glycerol)</i>
Molecular Mass	<i>88.029 kDa</i>
Protein length	<i>561-1106</i>
Applications	<i>Functional Study; SDS-PAGE</i>
Storage	<i>Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.</i>
Concentration	<i>0.205 µg/µL</i>
SDS-PAGE	



2 µg/lane SDS-PAGE Stained with Coomassie Blue

Bioactivity-ELISA 1

