

Product datasheet for **KN211740LP**

PDGF Receptor alpha (PDGFRA) Human Gene Knockout Kit (CRISPR)

Product data:

Product Type:	Knockout Kits (CRISPR)
Format:	2 gRNA vectors, 1 Luciferase-Puro donor, 1 scramble control
Donor DNA:	Luciferase-Puro
Symbol:	PDGF Receptor alpha
Locus ID:	5156
Components:	KN211740G1 , PDGF Receptor alpha gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) KN211740G2 , PDGF Receptor alpha gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) KN211740LPD , donor DNA containing left and right homologous arms and Luciferase-Puro functional cassette. GE100003 , scramble sequence in pCas-Guide vector
RefSeq:	NM_006206 , NM_001347827 , NM_001347828 , NM_001347829 , NM_001347830
UniProt ID:	P16234
Synonyms:	CD140A; PDGFR-2; PDGFR2; RHEPDGFRA
Summary:	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. Studies suggest that this gene plays a role in organ development, wound healing, and tumor progression. Mutations in this gene have been associated with idiopathic hypereosinophilic syndrome, somatic and familial gastrointestinal stromal tumors, and a variety of other cancers. [provided by RefSeq, Mar 2012]



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Product images:

