



## Human KITLG blocking peptide (CDBP1921)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-MTHFR antibody
Antigen Description	This gene encodes the ligand of the tyrosine-kinase receptor encoded by the KIT locus. This ligand is a pleiotropic factor that acts in utero in germ cell and neural cell development, and hematopoiesis, all believed to reflect a role in cell migration. In adults, it functions pleiotropically, while mostly noted for its continued requirement in hematopoiesis. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

### GENE INFORMATION

Gene Name	<a href="#">KITLG KIT ligand [ Homo sapiens (human) ]</a>
Official Symbol	KITLG
Synonyms	KITLG; KIT ligand; SF; MGF; SCF; FPH2; KL-1; Kitl; SHEP7; kit ligand; c-Kit ligand; steel factor; stem cell factor; mast cell growth factor; familial progressive hyperpigmentation 2;

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Entrez Gene ID	<a href="#">4254</a>
mRNA Refseq	<a href="#">NM_000899.4</a>
Protein Refseq	<a href="#">NP_000890.1</a>
UniProt ID	P21583
Chromosome Location	12q22
Pathway	Adaptive Immune System, organism-specific biosystem; C-MYB transcription factor network, organism-specific biosystem; Cell cycle, organism-specific biosystem; Constitutive PI3K/AKT Signaling in Cancer, organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; DAP12 interactions, organism-specific biosystem; DAP12 signaling, organism-specific biosystem; Disease, organism-specific biosystem; Downst
Function	cytokine activity; growth factor activity; protein binding; stem cell factor receptor binding;

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