



## KITLG blocking peptide (CDBP6066)

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

### PRODUCT INFORMATION

**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]

**Conjugate** Unconjugated

**Applications** Used as a blocking peptide in immunoblotting applications.

**Format** Liquid

**Concentration** 200 µg/mL

**Size** 0.05 mg

**Preservative** None

**Storage** -20°C

### GENE INFORMATION

**Gene Name** [KITLG KIT ligand \[ Homo sapiens \(human\) \]](#)

**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

**Entrez Gene ID** [4254](#)

<b>mRNA Refseq</b>	<a href="#">NM_000899</a>
<b>Protein Refseq</b>	<a href="#">NP_000890</a>
<b>UniProt ID</b>	P21583
<b>Pathway</b>	Adaptive Immune System; C-MYB transcription factor network; Cell cycle; Constitutive PI3K/AKT Signaling in Cancer; Cytokine-cytokine receptor interaction; DAP12 interactions; DAP12 signaling; Disease
<b>Function</b>	cytokine activity; growth factor activity; protein binding; stem cell factor receptor binding