



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 | 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 |
| mRNA Refseq | NM_000899.4 |
| Protein Refseq | NP_000890.1 |
| 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; |