

# Product Information

## MemDX™ Membrane Protein Human KITLG (KIT ligand) expressed in insect for Antibody

### Discovery

Cat. No.: **MP0138Q**

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

This product is a 18.4 kDa Human KITLG membrane protein expressed in Insect. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

### Product Specifications

#### Host Species

Human

#### Target Protein

KITLG

#### Protein Length

Full-length

#### Protein Class

Druggable Genome, Transmembrane

#### Molecular Weight

18.4 kDa

#### TMD

1

#### Sequence

MKKTQTWILTCIYLQLLLFNPLVKTEGICRNRVTNNVKDVTKLVANLPKDYMITLKYVPGMDVLPSCWISSEMVVQLSDSLTDLLDKF

### Product Description

#### Expression Systems

Insect

#### Tag

His

#### Form

Powder

#### Endotoxin

< 0.1 ng per µg

**Purity**

>95% 95% by SDS-PAGE and visualised by silver stain

**Buffer**

PBS, pH 7.4, without stabilizer

**Storage**

Store at +4°C for up to one week or several months at -80°C

**Target****Target Protein**

KITLG

**Full Name**

KIT ligand

**Introduction**

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.

**Alternative Names**

kit ligand; Mast cell growth factor; MGF; Stem cell factor; c-Kit ligand; c-Kit ligand; familial progressive hyperpigmentation 2; steel factor; DCUA; DFNA69; FPH2; FPHH; Kitl; KL-1; MGF; SCF; SF; SHEP7; SLF

**Gene ID**

[4254](#)

**UniProt ID**

[P21583](#)