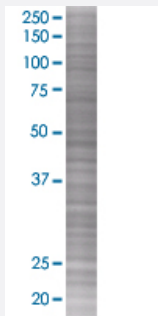


KITLG 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00004254-T01

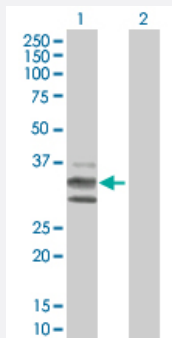
Size 100 uL

Applications



SDS-PAGE Gel

KITLG transfected lysate



Western Blot

Lane 1: KITLG transfected lysate (27.9 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-KITLG full-length
Host	Human
Theoretical MW (kDa)	27.9
Interspecies Antigen Sequence	Mouse (72); Rat (72)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-KITLG antibody ([H00004254-B01](#)) by Western Blots.
SDS-PAGE Gel
KITLG transfected lysate
Western Blot
Lane 1: KITLG transfected lysate (27.9 KDa).
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — KITLG

Entrez GeneID[4254](#)**GeneBank Accession#**[NM_003994](#)**Protein Accession#**[NP_003985](#)**Gene Name**

KITLG

Gene Alias

DKFZp686F2250, KL-1, Kitl, MGF, SCF, SF, SHEP7

Gene Description

KIT ligand

Omim ID[184745](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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]

Other Designations

mast cell growth factor|steel factor|stem cell factor

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [Hematopoietic cell lineage](#)
- [Melanogenesis](#)
- [Pathways in cancer](#)

Disease

- [Asthma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Infertility](#)
- [Neoplasms](#)
- [Testicular Neoplasms](#)
- [Vitiligo](#)