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Product Information

MemDX™ Antibody Discovery - Human SCF / KITLG (26-190) Membrane Protein, Partial, - Avi -His tag, [Biotin]

Cat. No.: **MP0399F**
This product is for research use only and is not intended for diagnostic use.

This membrane protein is Human SCF / KITLG (26-190). It has been tested in SDS-PAGE, ELISA. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species
Human

Target Protein
SCF / KITLG

Protein Length
ECD

Molecular Weight
The protein has a calculated MW of 21.7 kDa. The protein migrates as 26-38 kDa under reducing (R) condition (SDS-PAGE) due to different glycosylation.

Sequence
AA Glu 26 - Ala 190 (Accession # AAH69797).

Product Description

Activity
Yes

Application
SDS-PAGE, ELISA

Expression Systems
HEK293

Tag
Avi tag at the C-terminus, followed by a His tag.

Protein Format
Soluble

Form

LYOPH

Reconstitution

Please see Certificate of Analysis for specific instructions.

Endotoxin

<1.0 EU/μg by the LAL method

Conjugation

Biotin

Purity

>95% as determined by SDS-PAGE.

Buffer

Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally trehalose is added as protectant before lyophilization.

Storage

Stored at lyophilized form at -20°C or lower. Avoid repeated freeze-thaw cycles.
The antigen can be stable for 12 months in lyophilized form after storage at -20°C to -80°C, 3 months under sterile coditions after reconstitution after storage at -80°C.

Target

Target Protein

SCF / 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

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

Gene ID

4254

UniProt ID

P21583

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