



# Recombinant Human SCF [His] (DAG-WT2231)

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

## PRODUCT INFORMATION

<b>Species</b>	Human
<b>Purity</b>	> 95% as determined by SDS-PAGE
<b>Conjugate</b>	His
<b>Applications</b>	Immunoassays
<b>Molecular Weight</b>	22 kDa
<b>Format</b>	Liquid
<b>Size</b>	50 µg, 500 µg, 1 mg
<b>Buffer</b>	20mM PB, 150mM NaCl, pH7.4
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C

## BACKGROUND

<b>Introduction</b>	Ligand for the receptor-type protein-tyrosine kinase KIT. Plays an essential role in the regulation of cell survival and proliferation, hematopoiesis, stem cell maintenance, gametogenesis, mast cell development, migration and function, and in melanogenesis. KITLG/SCF binding can activate several signaling pathways. Promotes phosphorylation of PIK3R1, the regulatory subunit of phosphatidylinositol 3-kinase, and subsequent activation of the kinase AKT1.
<b>Keywords</b>	Kit ligand; KITLG; Stem cell factor

# GENE INFORMATION

UniProt ID

P21583

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