



Recombinant Human SCF [His] (DAG-WT2231)

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

PRODUCT INFORMATION

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

BACKGROUND

Introduction	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.
Keywords	Kit ligand; KITLG; Stem cell factor

GENE INFORMATION

UniProt ID

P21583
