

Recombinant Human FMS (N-GST tag)

Cat No:HR2R1431

For research use only

Overview

Quantity	10 ?g
Gene Symbol	FMS
Gene ID	N/A
Accession	NM_005211
Alternative Name	CSF1R, CSFR, FIM2, C-FMS, CD115
Species	Human
Source	Insect cells
Description	?FMS is a proto-oncogene that encodes the tyrosine kinase transmembrane receptor for colony stimulating factor 1 (CSF1). FMS is homodimeric that contains a so-called kinase insert domain and is a member of the CSF1/PDGF receptor family of tyrosine-protein kinases. FMS mediates most if not all of the biological effects of CSF1 which control the production, differentiation, and function of cell of the monocyte/macrophage lineage . Mutations in FMS have been associated with providing sustained signals for cell growth and a predisposition to myeloid malignancy .
Functions	The specific activity of FMS was determined to be 24 nmol/min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	76
Purity	70% - 90%
Concentration	
Shipping Condition	Dry Ice
Storage Condition	Store product at ?70?C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.