

FMS recombinant protein

FMS, Active

CATALOG # AAA73383	HOST Sf9 insect cells	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

FMS; Active; CSF1R; CSFR; FIM2; C-FMS; CD115; FMS recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Applicable Applications for FMS recombinant protein	WB (Western Blot), Kinase Assay
Tag	GST
Species	Human
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree 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.

IMAGES



SDS-PAGE

Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.



Activity

Specific Activity: Sample Kinase Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for FMS recombinant protein	Recombinant human FMS (539-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is NM_005211. 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 (1). Mutations in FMS have been associated with providing sustained signals for cell growth and a predisposition to myeloid malignancy (2).
Product Categories/Family for FMS recombinant protein	Protein Kinases ; Cancer ; Cardiovascular Disease ; Cytoplasmic Tyrosine Kinases ; Metabolic Disorder
References	1. Sherr, C J.: Regulation of mononuclear phagocyte proliferation by colony-stimulating factor-1. Int J Cell Cloning. 1990 Jan;8 Suppl 1:46-60 2. Follows, G A. et al: c-FMS chromatin structure and expression in normal and leukaemic myelopoiesis. Oncogene. 2005 May 19;24(22):3643-51.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_005211
Molecular Weight	~76kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/fms-recombinant-protein-sf9-insect-cells-wb-western-blot-kinase-assay/73383>