

FER Recombinant Protein | FER+CRCR1166:CR1206 recombinant protein

FER, Active

CATALOG # AAA73574	HOST Sf9 insect cells	APPLICATIONS Western Blot
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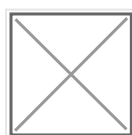
PRODUCT SYNONYMS

FER; Active; Fert; Fert2; AV082135; C330004K01Rik; FER+CRCR1166:CR1206 recombinant protein

PRODUCT SPECIFICATIONS

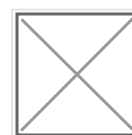
Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Applicable Applications for FER+CRCR1166:CR1206 recombinant protein	WB (Western Blot), Kinase Assay
Tag	GST
Species	Mouse
Dry Ice Note	The product 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 FER+CRCR1166:CR1206 recombinant protein	Recombinant mouse FER (542-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is NM_001037997. FER is a member of the FPS/FES family of nontransmembrane receptor tyrosine kinases. FER plays a role in regulating cytoskeletal rearrangements and inside out signalling that accompany receptor ligand, cell matrix and cell cell interactions (1). Genetic analysis using transgenic mouse models implicate FER in the regulation of inflammation and innate immunity. Fer-deficient mice displayed enhanced recruitment of leukocytes in response to local LPS challenge. FER is required for cell-cycle progression in malignant cells. Decreasing the level of FER using RNAi impeded the proliferation of prostate and breast carcinoma cells and led to their arrest at the G0/G1 phase (2).
Product Categories/Family for FER+CRCR1166:CR1206 recombinant protein	Protein Kinases; Cancer; Cellular Stress; Cytoplasmic Tyrosine Kinases; Invasion/Metastasis; Neurobiology

References

1. Greer, P.: Closing in on the biological functions of Fps/Fes and Fer. Nat Rev Mol Cell Biol. 2002 Apr;3(4):278-89.
2. Pasder, O. et al: Downregulation of Fer induces PP1 activation and cell-cycle arrest in malignant cells. Oncogene. 2006 Jul 13;25(30):4194-206.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #

[NM_001037997](#)

Molecular Weight

~59kDa

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/fer-recombinant-protein-sf9-insect-cells-wb-western-blot-kinase-assay/73574>