Recombinant Mouse Fert2, GST-tagged, Active

Cat. No. Fert2-310M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouseFert2 (542-end) was expressed by baculovirus in*Sf9 insect cell*susing an N-terminal GST tag. MW=59 kDa.
Species	Mouse
Source	Sf9 Cells
ProteinLength	542-end a.a.
Description	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. Genetic analysis using transgenic mouse models implicate FER in the regulation of inflammation and innate immunity.
Sequence	542-end.
Applications	Kinase Assay, Western Blot.
Storage And Stability	Store product at –70oC. 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.

GENE INFORMATION

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Gene Name	Fert2 fer (fms/fps related) protein kinase, testis specific 2 [Mus musculus]
Synonyms	Fert2; fer (fms/fps related) protein kinase, testis specific 2; Fer; Fert; AV082135; C330004K01Rik
Gene ID	14158
mRNA Refseq	NM_001037997
Protein Refseq	NP_001033086
UniProt ID	P70451
Chromosome Location	17 E1.1
Pathway	Adherens junction
Function	ATP binding; kinase activity; nucleotide binding; non-membrane spanning protein tyrosine kinase activity; nucleotide binding; protein binding; protein tyrosine kinase activity; transferase activity

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