

Recombinant Mouse Ffar3 Protein, His&SUMO-tagged

Cat. No. Ffar3-926M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ffar3 Protein (Ser276-Ser319) with His&SUMO tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ser276-Ser319
Description	Enables G protein-coupled receptor activity. Involved in several processes, including positive regulation of acute inflammatory response to non-antigenic stimulus; positive regulation of cytokine production; and regulation of secretion by cell. Acts upstream of or within adenylate cyclase-inhibiting G protein-coupled receptor signaling pathway; positive regulation of action potential; and regulation of heart rate by chemical signal. Is active in membrane. Is expressed in cervical ganglion; peripheral nerve trunk; superior cervical ganglion; sympathetic ganglion; and sympathetic nerve trunk. Orthologous to several human genes including FFAR3 (free fatty acid receptor 3).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18.7 kDa; Accurate Molecular Mass: 21 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

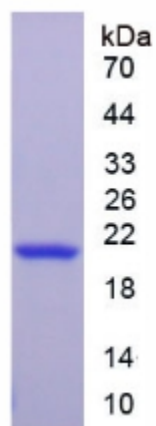
GENE INFORMATION

Gene Name	Ffar3 free fatty acid receptor 3 [Mus musculus (house mouse)]
Official Symbol	Ffar3
Synonyms	FFAR3; free fatty acid receptor 3; G protein-coupled receptor 41; G-protein coupled receptor 41; putative G protein-coupled receptor GPR41; Gm478; Gpr41;
Gene ID	233080
mRNA Refseq	NM_001033316
Protein Refseq	NP_001028488
UniProt ID	Q3UFD7

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