

## Recombinant Mouse Ffar2 Protein, His-tagged

**Cat. No.** Ffar2-2183M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Ffar2 Protein (Ser241-Glu330) with a N-His tag was expressed in E. coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ser241-Glu330
<b>Description</b>	Enables G protein-coupled receptor activity. Involved in several processes, including leukocyte chemotaxis involved in inflammatory response; positive regulation of acute inflammatory response to non-antigenic stimulus; and positive regulation of cytokine production. Predicted to be located in cell projection and plasma membrane. Is expressed in pancreas; pancreas epithelium; superior cervical ganglion; and testis. Orthologous to human FFAR2 (free fatty acid receptor 2).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 13.5 kDa Accurate Molecular Mass: 16 kDa
<b>Endotoxin</b>	<1.0 EU per 1g (determined by the LAL method).
<b>Purity</b>	> 97%

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<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	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.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">Ffar2 free fatty acid receptor 2 [ Mus musculus (house mouse) ]</a>
<b>Official Symbol</b>	<a href="#">Ffar2</a>
<b>Synonyms</b>	Ffar2; free fatty acid receptor 2; Gpr43; GPCR43; free fatty acid receptor 2 G protein-coupled receptor 43 leukocyte-specific STAT-induced GPCR
<b>Gene ID</b>	<a href="#">233079</a>
<b>mRNA Refseq</b>	<a href="#">NM_146187</a>
<b>Protein Refseq</b>	<a href="#">NP_666299</a>

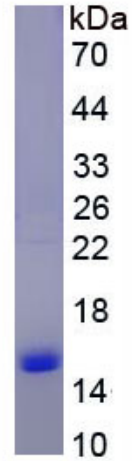
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UniProt ID

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