

## Recombinant Mouse FPR1 Protein (1-35 aa), His-GST-Myc-tagged

**Cat. No.** FPR1-2444M    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse FPR1 Protein (1-35 aa) is produced by E. coli expression system. This protein is fused with a 10xHis-GST tag at the N-terminal and a Myc tag at the C-terminal. Research Area: Immunology. Protein Description: Partial.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-35 aa
<b>Description</b>	High affinity receptor for N-formyl-methionyl peptides (fMLP), which are powerful neutrophil chemotactic factors. Binding of fMLP to the receptor stimulates intracellular calcium mobilization and superoxide anion release. This response is mediated via a G-protein that activates a phosphatidylinositol-calcium second messenger system.
<b>Form</b>	Tris-based buffer,50% glycerol
<b>Molecular Mass</b>	33.7 kDa
<b>AA Sequence</b>	MDTNMSLLMNKSAVNLMNVSGSTQSVSAGYIVLDV
<b>Purity</b>	> 85% as determined by SDS-PAGE.
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4

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centigrade for up to one week.

**Storage**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

**Concentration**

A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

## GENE INFORMATION

**Gene Name**

[Fpr1 formyl peptide receptor 1 \[ Mus musculus \]](#)

**Official Symbol**

[FPR1](#)

**Synonyms**

FPR1; formyl peptide receptor 1; fMet-Leu-Phe receptor; fMLP receptor; lipoxin A4 receptor; FPR; LXA4R; fMLF-R;

**Gene ID**

[14293](#)

**mRNA Refseq**

[NM\\_013521](#)

**Protein Refseq**

[NP\\_038549](#)

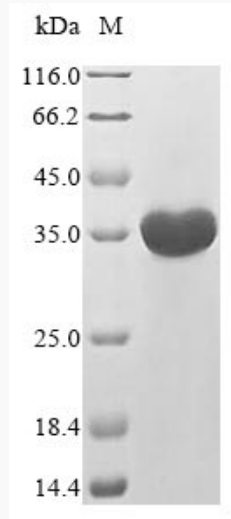
**UniProt ID**

[P33766](#)

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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