

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

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	E.coli
ProteinLength	1-35 aa
Description	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.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	33.7 kDa
AA Sequence	MDTNMSLLMNKSAVNLMNVSGSTQSVSAGYIVLDV
Purity	> 85% as determined by SDS-PAGE.
Notes	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](#)

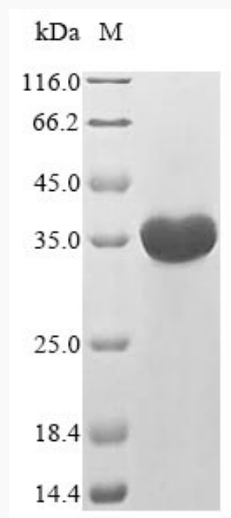
UniProt ID

[P33766](#)

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

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