

Recombinant Human FPR1 protein

Cat. No. FPR1-263H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FPR1 was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
Description	This gene encodes a G protein-coupled receptor of mammalian phagocytic cells that is a member of the G-protein coupled receptor 1 family. The protein mediates the response of phagocytic cells to invasion of the host by microorganisms and is important in host defense and inflammation.
Form	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
Molecular Mass	38.4 kDa
AA Sequence	METNSSLPTNISGGTPAVSAGYLFDIITYLVFAVTFVLGVLGNGLVIWVAGFRMTHT VTTISYLNLA VADFCFT STLPFFMVRKAMGGHWPFGWFLCKFVFTIVDINLFGSVFLI ALIALDRCVCVLPVWTQNHRTVSLAKKVIIGPW VMALLLTLPVIIRVTTVPGKTGTV ACTFNFSPWTNDPKERINVAVAMLTVRGIIRFIIGFSAPMSIVAVSYGLIA TKIHKQGLI KSSRPLRVLSFVAAAFFLCWSPYQVVALIATVRIRELLQGM YKEIGIAVDVTSALAFFN SCLNPML YVFMGQDFRERLIHALPASLERALTEDSTQTS DTATNSTLPSAEVELQAK
Applications	Antibody Production; Functional Study: Recommended usage only, not validated yet; Compound Screening: Recommended usage only, not validated yet.

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Notes Heating may cause protein aggregation. Please do not heat this product before electrophoresis. Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [FPR1 formyl peptide receptor 1 \[Homo sapiens \]](#)

Official Symbol [FPR1](#)

Synonyms FPR1; formyl peptide receptor 1; fMet-Leu-Phe receptor; FMLP; FPR; fMLP receptor; N-formylpeptide chemoattractant receptor;

Gene ID [2357](#)

mRNA Refseq [NM_002029](#)

Protein Refseq [NP_002020](#)

MIM [136537](#)

UniProt ID [P21462](#)

Chromosome Location 19q13.41

Pathway Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; Formyl peptide receptors bind formyl peptides and many other ligands, organism-specific biosystem; G alpha (i) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific

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biosystem; GPCRs, Class A Rhodopsin-like, organism-specific biosystem;
Neuroactive ligand-receptor interaction, organism-specific biosystem;

Function

G-protein coupled receptor activity; N-formyl peptide receptor activity; receptor activity; signal transducer activity;

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