

Recombinant Human FPR1 protein, GST-tagged

Cat. No. FPR1-274H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FPR1(1 a.a. - 350 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	1-350 a.a.
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	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	64.8 kDa
AA Sequence	METNSSLPTNISGGTPAVSAGYLFLDIITYLVFAVTFVLGVLGNGLVIWVAGFRMTHT VTTISYLNLAVADFCFT STLPFFMVRKAMGGHWPFGWFLCKFVFTIVDINLFGSVFLI ALIALDRCVCVLHPVWTQNHRTVSLAKKVIIGPW VMALLLTLPVIIRVTTVPGKTGTV ACTFNFSPWTNDPKERINVAVAMLTVRGIIRFIIGFSAPMSIVAVSYGLIA TKIHKQGLI KSSRPLRVLSFVAAAFFLCWSPYQVVALIATVRIRELLQGMYKEIGIAVDVTSALAFFN SCLNPML YVFMGQDFRERLIHALPASLERALTEDSTQTSATNSTLPSAEVELQAK

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	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

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signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; GPCRs, Class A Rhodopsin-like, organism-specific biosystem;

Function

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

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