

FPR2 Protein, Mouse, Recombinant (GST & His & Myc)

General Information

Synonyms:	Fpr2;Fpr-rs2;Formylpeptide receptor-related sequence 2;Formyl peptide receptor 2;N-formylpeptide receptor-like 2;Lipoxin A4 receptor-like protein
Protein Construction:	1-29 aa
Species:	Mouse
Expression Host:	E. coli
Accession:	O88536
Molecular Weight:	33.3 kDa (predicted)
AA Sequence:	MESNYSIHLNGSEVVVYDSTISRVLWILS

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	> 85% as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/μg of the protein as determined by the LAL method.
Formulation:	Tris-based buffer, 50% glycerol

Preparation and Storage

Reconstitution:

Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 μg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

High affinity receptor for N-formyl-methionyl peptides (FMLP), which are powerful neutrophil chemotactic factors. Stimulates chemotaxis in immune cells to site of infection or tissue damage upon recognition of several ligands, such as FMLP, or ligand involved in cell damage, disease or inflammation. Receptor for the chemokine-like protein FAM19A5, mediating FAM19A5-stimulated macrophage chemotaxis and the inhibitory effect on TNFSF11/RANKL-induced osteoclast differentiation.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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