

# Recombinant Full Length Human XCR1 Protein

Cat. No. XCR1-13HFL Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Human XCR1 Protein was expressed in Wheat Germ (in vitro).
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	The protein encoded by this gene is a chemokine receptor belonging to the G protein-coupled receptor superfamily. The family members are characterized by the presence of 7 transmembrane domains. The encoded protein transduces a signal by increasing the intracellular calcium ion level. The viral macrophage inflammatory protein-II is an antagonist of this receptor and blocks signaling. Some studies have implicated a cluster of genes at 3p21.31, including this gene, as associated with COVID-19 risk. The encoded protein may also play a role in cell proliferation and migration in several types of cancer.
<b>Form</b>	Liquid
<b>Molecular Mass</b>	38.5 kDa
<b>AA Sequence</b>	MESSGNPESTTFFYYDLQSQPCENQAWVFATLATTVLYCLVFLLSLVGNSLVLWVLV KYESLESLTNIFILNLCLSDLVFACLLPVWISPYHWGWVLGDFLCKLLNMIFSISLYSSI FFLTIMTIHRYLSVVSPSTLRVPTLRRCRVLVTMAVWVASILSSILDITIFHKVLSSGCDY SELTWYLTSVYQHNLFFLLSLGIILFCYVEILRTLFRSRSKRRHRTVKLIFAIVVAYFLS WGPYNFTLFLQTLFRTQIIRSCEAKQQLLEYALLICRNLAFSHCCFNPLYVVFVGVKFR

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THLKHVLRQFWFCRLQAPSPASIPHSPGAFAYEGASFY

**Applications**

Antibody Production

**Usage**

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

**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.

**Storage Buffer**

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

**Preparation**

in vitro wheat germ expression system with proprietary liposome technology

**Protein Pathways**

Chemokine signaling pathway  
Cytokine-cytokine receptor interaction

**Full Length**

Full L.

**GENE INFORMATION**

**Gene Name**

[XCR1 X-C motif chemokine receptor 1 \[ Homo sapiens \(human\) \]](#)

**Official Symbol**

[XCR1](#)

**Synonyms**

GPR5; CCXCR1

**Gene ID**

[2829](#)

**mRNA Refseq**

[NM\\_005283.3](#)

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**Protein Refseq** NP\_005274.1

**MIM** 600552

**UniProt ID** P46094

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