

Recombinant Full Length Human XCR1 Protein

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

SPECIFICATION

Product Overview	Recombinant Full Length Human XCR1 Protein was expressed in Wheat Germ (in vitro).
Species	Human
Source	Wheat Germ
Description	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.
Form	Liquid
Molecular Mass	38.5 kDa
AA Sequence	MESSGNPESTTFFYYDLQSQPCENQAWVFATLATTVLYCLVFLLSLVGNSLVLWVLV KYESLESLTNIFILNLCLSDLVFACLLPVWISPYHWGWVLGDFLCKLLNMIFSISLYSSI FFLTIMTIHRYLSVVSPSTLRVPTLRRCRVLVTMAVWVASILSSILDTIFHKVLSSGCDY SELTWYLTSVYQHNLFLLSLGIILFCYVEILRTLFRSRSKRRHRTVKLIFAIVVAYFLS WGPYNFTLFLQTLFRTQIIRSCEAKQQLEYALLICRNLAFSHCCFNPVLYVFGVKFR

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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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