

Recombinant Full Length Human CXCR1 Protein

Cat. No. CXCR1-2301HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CXCR1 full-length ORF (NP_000625.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	350 amino acids
Description	The protein encoded by this gene is a member of the G-protein-coupled receptor family. This protein is a receptor for interleukin 8 (IL8). It binds to IL8 with high affinity, and transduces the signal through a G-protein activated second messenger system. Knockout studies in mice suggested that this protein inhibits embryonic oligodendrocyte precursor migration in developing spinal cord. This gene, IL8RB, a gene encoding another high affinity IL8 receptor, as well as IL8RBP, a pseudogene of IL8RB, form a gene cluster in a region mapped to chromosome 2q33-q36. [provided by RefSeq, Jul 2008]
Form	Liquid
Molecular Mass	39.8 kDa
AA Sequence	MSNITDPQMWFDDLNFTGMPPADEDYSPCMLETETLNKYVVIAYALVFLLSLLGN SLVMLVILYSRVGRSVTDVYLLNLALADLLFALTLPWAASKVNGWIFGTFLCKVVSLL KEVNFYSGILLACISVDRLAIVHATRTLQKRHLVKFVCLGCWGLSMNLSLPFFLF RQAYHPNNSPVCYEVLGNDTAKWRMVLRLPHTFGFIVPLFVMLFCYGFTLRTLFLK

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AHMGQKHRAMRVIFAVVLIFLLCWLPYNLVLLADTLMRTQVIQESCERRNNIGRALD
ATEILGFLHSCLNPIIYAFIGQNFRHGFLKILAMHGLVSKEFLARHRVTSYTSSSVNVS
SNL

Applications

Antibody Production
Functional Study
Compound Screening

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.

GENE INFORMATION

Gene Name

CXCR1 chemokine (C-X-C motif) receptor 1 [Homo sapiens]

Official Symbol

CXCR1

Synonyms

CXCR1; chemokine (C-X-C motif) receptor 1; CMKAR1, IL8RA, interleukin 8 receptor, alpha; C-X-C chemokine receptor type 1; CD181; CDw128a; CKR 1; CXC-R1; CXCR-1; IL-8R A; IL-8 receptor type 1; interleukin 8 receptor, alpha; interleukin-8 receptor type 1; interleukin-8 receptor type A; high affinity interleukin-8 receptor A; C-C; CD128; CKR-1; IL8R1; IL8RA; CMKAR1; IL8RBA; C-C-CKR-1;

Gene ID

3577

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mRNA Refseq	NM_000634
Protein Refseq	NP_000625
MIM	146929
UniProt ID	P25024

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