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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CXCR1 (Human) Recombinant Protein (P01)

Catalog Number: H00003577-P01

Regulation Status: For research use only (RUO)

Product Description: Human CXCR1 full-length ORF (AAH28221.1, 1 a.a. - 350 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

```
MSNITDPQMWDFDDLNFTGMPPADEDYSPCRLETETL
NKYVVIIAYALVFLLSLLGNSLVMLVILYSRVGRSVTDVY
LLNLALADLLFALTLPIWAASKVNGWIFGTFLCKVVSLL
KEVNFYSGILLLACISVDRYLAIVHATRTLTKQRHLVKF
VCLGCWGLSMNLSLPPFLFRQAYHPNNSPVCYEVLG
NDTAKWRMVLRLPHTFGFIVPLFVMLFCYGFTLRTLFL
KAHMGQKHRAMRVIFAVLIFLLCWLPLYNLVLLADTLM
RTQVIQESCERRNIGRALDATEILGFLHSLNPIIYAFI
GQNFHRHGLKILAMHGLVSKFLARHCVTSTSSSVN
VSSNL
```

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 64.24

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 3577

Gene Symbol: CXCR1

Gene Alias: C-C, C-C-CKR-1, CD128, CD181, CDw128a, CKR-1, CMKAR1, IL8R1, IL8RA, IL8RBA

Gene Summary: 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]

References:

1. Identification of amino acid residues critical for the B cell growth-promoting activity of HIV-1 matrix protein p17 variants. He W, Mazzuca P, Yuan W, Varney K, Bugatti A, Cagnotto A, Giagulli C, Rusnati M, Marsico S, Diomede L, Salmona M, Caruso A, Lu W, Caccuri F. *Biochim Biophys Acta Gen Subj.* 2018 Sep 21;1863(1):13-24. doi: 10.1016/j.bbagen.2018.09.016. [Epub ahead of print]
2. {alpha}-1 Antitrypsin regulates human neutrophil chemotaxis induced by soluble immune complexes and IL-8. Bergin DA, Reeves EP, Meleady P, Henry M, McElvaney OJ, Carroll TP, Condron C, Chotirmall SH, Clynes M, O'Neill SJ, McElvaney NG. *J Clin Invest.* 2010 Dec 1;120(12):4236-50. doi: 10.1172/JCI41196. Epub 2010 Nov 8.