

# Product Datasheet

## Recombinant Human CXCL9/MIG Protein NBP2-35008-5ug

Unit Size: 5ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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### Publications: 1

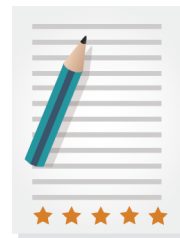
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**NBP2-35008-5ug**

## Recombinant Human CXCL9/MIG Protein

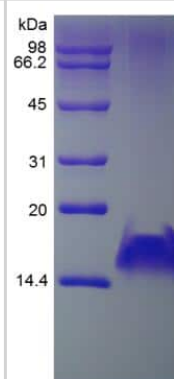
| Product Information         |   |
|-----------------------------|---|
| Unit Size                   | 5ug   |
| Concentration               | Lyoph   |
| Storage                     | Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles. |
| Preservative                | No Preservative   |
| Reconstitution Instructions | Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL.     |
| Purity                      | > 97 % pure by SDS-PAGE and HPLC  |
| Buffer                      | Lyophilized from a 0.2 um filtered concentrated solution in 20 mM PB, pH 7.4, 50 mM NaCl.   |
| Target Molecular Weight     | 11.7 kDa  |

| Product Description      |  |
|--------------------------|--|
| Description              | A single non-glycosylated polypeptide chain containing 103 amino acids corresponding to CXCL9/MIG <b>Source:</b> <i>E. coli</i><br><br><b>Uniprot ID:</b> Q07325<br><br><b>Amino Acid Sequence:</b> TPVVRKGRCS CISTNQGTIH LQSLKDLKQF APSPSCEKIE IATLKNGVQ TCLNPDSADV KELIKKWEKQ VSQKKKQKNG KKHQKKKVLK VRKSQRSRQK KTT |
| Gene ID                  | 4283   |
| Gene Symbol              | CXCL9  |
| Species                  | Human  |
| Details of Functionality | MIG Protein is fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human peripheral blood T-lymphocytes is in a concentration range of 10-100 ng/ml.  |
| Endotoxin Note           | Less than 1 EU/ug of CXCL9/MIG as determined by LAL method.  |

| Product Application Details |                       |
|-----------------------------|-----------------------|
| Applications                | SDS-Page, Bioactivity |
| Recommended Dilutions       | SDS-Page, Bioactivity |

**Images**

SDS-Page: Human CXCL9/MIG Protein [NBP2-35008]



## Publications

Xiaoqin Lan, Fang Xiao, Qiang Ding, Jiqiao Liu. The effect of CXCL9 on the invasion ability of hepatocellular carcinoma through up-regulation of PREX2. *J Mol Histol* 2014-12-01 [PMID: 25151370]





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### **Products Related to NBP2-35008-5ug**

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|                |                                     |
|----------------|-------------------------------------|
| NBP2-35191-5ug | Recombinant Mouse CXCL9/MIG Protein |
| 210-TA-005     | TNF-alpha [Unconjugated]            |
| AF-492-NA      | CXCL9/MIG Antibody [Unconjugated]   |
| M6000B-1       | IL-6 [HRP]                          |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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