

Product Datasheet

Recombinant Mouse CXCL9/MIG Protein NBP2-35191-5ug

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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NBP2-35191-5ug

Recombinant Mouse CXCL9/MIG Protein

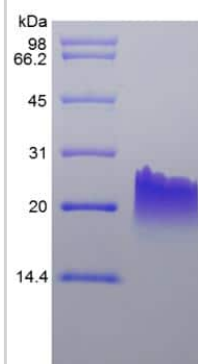
| Product Information | |
|-----------------------------|---|
| Unit Size | 5ug |
| Concentration | Lyoph |
| Storage | Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles. |
| Preservative | 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 | >95%, by SDS-PAGE and HPLC |
| Buffer | Lyophilized from a 0.2 um filtered concentrated solution in 2 x PBS, pH 7.4. |
| Target Molecular Weight | 12.2 kDa |

| Product Description | |
|--------------------------|--|
| Description | A single non-glycosylated polypeptide chain containing 105 amino acids corresponding to CXCL9/MIG Source: <i>E. coli</i> Uniprot ID: <i>P18340</i> Amino Acid Sequence: <i>TLVIRNARCS CISTSRGTIH YKSLKDLKQF APSPNCNKTE IIATLKNGDQ TCLDPDSANV KKLMEKEWEKK INQKKKQKRG KKHQKNMKNR KPKTPQSRRR SRKTT</i> |
| Gene ID | 4283 |
| Gene Symbol | CXCL9 |
| Species | Mouse |
| Details of Functionality | MIG Protein is fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human lymphocytes is in a concentration range of 0.1-1.0 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: Mouse CXCL9/MIG Protein [NBP2-35191]



Publications

Bin Huang, Wenhao Wang, Qingchu Li et al. Osteoblasts secrete Cxcl9 to regulate angiogenesis in bone. Nat Commun 2016-12-14 [PMID: 27966526]





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Products Related to NBP2-35191-5ug

| | |
|----------------|-------------------------------------|
| NBP2-35008-5ug | Recombinant Human CXCL9/MIG Protein |
| 210-TA-005 | TNF-alpha [Unconjugated] |
| AF-492-NA | CXCL9/MIG Antibody [Unconjugated] |
| M6000B-1 | IL-6 [HRP] |

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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