

# Recombinant Mouse SDF2 Protein (19-211 aa), His-Myc-tagged

**Cat. No.** SDF2-2105M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                         |
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| <b>Product Overview</b> | Recombinant Mouse SDF2 Protein (19-211 aa) is produced by E. coli expression system. This protein is fused with a 10xHis tag at the N-terminal and a Myc tag at the C-terminal. Research Area: Signal Transduction. Protein Description: Full Length of Mature Protein. |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                   |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 19-211 aa                                                                                                                                                                                                                                                               |
| <b>Form</b>             | Tris-based buffer,50% glycerol                                                                                                                                                                                                                                          |
| <b>Molecular Mass</b>   | 26.4 kDa                                                                                                                                                                                                                                                                |
| <b>AA Sequence</b>      | SNMAVVTCGSVVKLLNTRHNVRLHSHDVRYGSGSGQQSVTGVTSVDDSNSYWRIR<br>GKTATVCERGTPIKCGQPIRLTHINTGRNLHSHHFTSPLSGNQEVSAFGEEGEGDYL<br>DDWTVLCNGPYWVRDGEVRFKHSSTDVLLSVTGEQYGRPISGQKEVHGMAQPSQ<br>NNYWKAMEGIFMKPSELLRAEVHHAEL                                                           |
| <b>Purity</b>           | > 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                        |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.                                                                                                                                                            |

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|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b> | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade. |
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| <b>Concentration</b> | A hardcopy of COA with reconstitution instruction is sent along with the products. |
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## GENE INFORMATION

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| <b>Gene Name</b> | Sdf2 stromal cell derived factor 2 [ Mus musculus ] |
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|------------------------|------|
| <b>Official Symbol</b> | SDF2 |
|------------------------|------|

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|-----------------|------------------------------------------------------------------|
| <b>Synonyms</b> | SDF2; stromal cell derived factor 2; SDF-2; AI853825; MGC107120; |
|-----------------|------------------------------------------------------------------|

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| <b>Gene ID</b> | 20316 |
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|--------------------|-----------|
| <b>mRNA Refseq</b> | NM_009143 |
|--------------------|-----------|

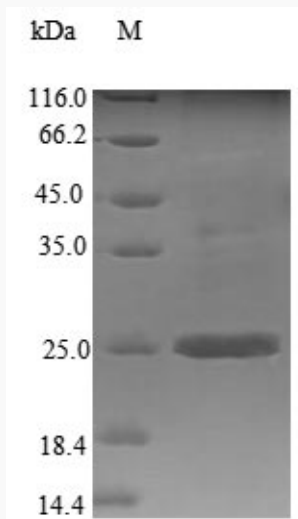
|                       |           |
|-----------------------|-----------|
| <b>Protein Refseq</b> | NP_033169 |
|-----------------------|-----------|

|                   |        |
|-------------------|--------|
| <b>UniProt ID</b> | Q9DCT5 |
|-------------------|--------|

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.