

## SDF 1a Human

*Stromal Cell-Derived Factor-1 Alpha Human Recombinant (CXCL12)*

CHK0156

### Product Overview

|                           |                                                                   |
|---------------------------|-------------------------------------------------------------------|
| <b>Name</b>               | SDF 1a Human                                                      |
| <b>Accession(Primary)</b> | P48061                                                            |
| <b>Description</b>        | Stromal Cell-Derived Factor-1 Alpha Human<br>Recombinant (CXCL12) |

### Target information (P48061)

**Gene Name**

**About Gene Symbol**

#### *References for protein:*

1. Title : Stromal Cell-Derived Factor-1a Promotes Neuroprotection, Angiogenesis, and Mobilization/Homing of Bone Marrow- Derived Cells in Stroke Rats. Publication: THE JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS Copyright © 2008 by The American Society for Pharmacology and Experimental Therapeutics JPET 324:834-849, 2008. Vol. 324, No. 2 127746/3301181 Printed in U.S.A. Link: SDF 1a prospec publication Application: Intracerebral administration of SDF-1 resulted in neuroprotection against neurotoxic insult, and it induced increased BM-derived cell targeting to the ischemic brain, thereby reducing the volume of cerebral infarction and improving neural plasticity. 2. Title : MECHANISMS OF BIOMATERIAL MEDIATED FIBROTIC RESPONSES AND STRATEGIES TO IMPROVE TISSUE REACTIONS TO BIOMATERIAL IMPLANTS. Publication : THE UNIVERSITY OF TEXAS AT ARLINGTON May 2010 Link: SDF-1 prospec publication