

## Active Recombinant Human SORCS2 Protein, His-tagged

Cat. No. SORCS2-732H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human SORCS2 (Accession # NP_065828) Ser70-Gly1078, fused with a C-terminal 6-His tag, was produced in Mouse myeloma cell line, NS0-derived.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Protein Length</b>	Ser70-Gly1078
<b>Predicted N Terminal</b>	Ser70
<b>Form</b>	Lyophilized from a 0.2 µm filtered solution in PBS.
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA. Immobilized rhSorCS2 at 1 µg/mL (100 µl/well) can bind rh beta -NGF with an apparent KD < 50 nM.
<b>Molecular Mass</b>	Recombinant Human SORCS2, His-tagged has a calculated MW of 113 kDa. In SDS-PAGE migrates as 120-140 kDa, reducing conditions.
<b>Purity</b>	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
<b>Storage</b>	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Reconstitution** Reconstitute at 100 µg/mL in sterile 4 mM HCl containing at least 0.1% human or bovine serum albumin.

## GENE INFORMATION

**Gene Name** SORCS2 sortilin-related VPS10 domain containing receptor 2 [ Homo sapiens ]

**Official Symbol** SORCS2

**Synonyms** SORCS2; sortilin-related VPS10 domain containing receptor 2; VPS10 domain-containing receptor SorCS2; KIAA1329; VPS10 domain receptor protein;

**Gene ID** [57537](#)

**mRNA Refseq** [NM\\_020777](#)

**Protein Refseq** [NP\\_065828](#)

**MIM** [606284](#)

**UniProt ID** Q96PQ0

**Chromosome Location** 4p16.1

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA