Active Recombinant Human SORCS2 Protein, His-tagged

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	Mammalian Cells
ProteinLength	Ser70-Gly1078
Predicted N Terminal	Ser70
Form	Lyophilized from a 0.2 μm filtered solution in PBS.
Bio-activity	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.
Molecular Mass	Recombinant Human SORCS2, His-tagged has a calculated MW of 113 kDa. In SDS-PAGE migrates as 120-140 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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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

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