

Recombinant Human SORCS3 cell lysate

Cat. No. SORCS3-1670HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	This gene encodes one family member of vacuolar protein sorting 10 (VPS10) domain-containing receptor proteins. The VPS10 domain name comes from the yeast carboxypeptidase Y sorting receptor Vps10 protein. Members of this gene family are large with many exons but the CDS lengths are usually less than 3700 nt. Very large introns typically separate the exons encoding the VPS10 domain; the remaining exons are separated by much smaller-sized introns. These genes are strongly expressed in the central nervous system. Two of the five family members (sortilin and sortilin-related receptor) are synthesized as preproteins; it is not yet known if this encoded protein is also a preprotein.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	SORCS3 sortilin-related VPS10 domain containing receptor 3 [Homo sapiens]
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Official Symbol	SORCS3
Synonyms	SORCS3; sortilin-related VPS10 domain containing receptor 3; VPS10 domain-containing receptor SorCS3; KIAA1059; SORCS; 6330404A12Rik; VPS10 domain receptor protein SORCS 3 (SORCS3); RP11-107L7.1;
Gene ID	22986
mRNA Refseq	NM_014978
Protein Refseq	NP_055793
MIM	606285
UniProt ID	Q9UPU3
Chromosome Location	10q23-q25
Pathway	NFG and proNGF binds to p75NTR, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signalling by NGF, organism-specific biosystem; p75 NTR receptor-mediated signalling, organism-specific biosystem;
Function	neuropeptide receptor activity;