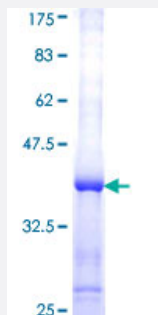


SORCS2 (Human) Recombinant Protein (Q01)

Catalog # H00057537-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SORCS2 partial ORF (NP_065828.1, 802 a.a. - 900 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	VLRVLDQFQVMPLQFSKELDAYNPNTPEWREDVGLVVTRLLSKETSVQPELLVTVVKPGLPTLA DLYVLLPPRPTRKRSLSSDKRLAAIQQVLNAQKI
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SORCS2

Entrez GeneID [57537](#)

GeneBank Accession# [NM_020777.1](#)

Protein Accession# [NP_065828.1](#)

Gene Name SORCS2

Gene Alias -

Gene Description sortilin-related VPS10 domain containing receptor 2

Omim ID [606284](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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. [provided by RefSeq]

Other Designations VPS10 domain receptor protein|VPS10 domain receptor protein SORCS 2

Disease

- [Bipolar Disorder](#)
- [Cerebral Hemorrhage](#)
- [Genetic Predisposition to Disease](#)

- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Neoplasm Invasiveness](#)
- [Prostatic Neoplasms](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Tobacco Use Disorder](#)