

Human VPS10 Domain-Containing Receptor SorCS1 (SORCS1) ELISA Kit | SORCS1 elisa kit

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CATALOG #
AAA330773

REACTIVITY
Human

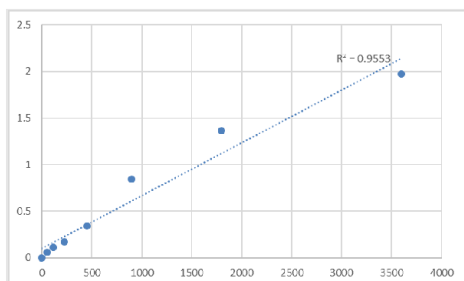
PRODUCT SYNONYMS

VPS10 Domain-Containing Receptor SorCS1 (SORCS1); Human VPS10 Domain-Containing Receptor SorCS1 (SORCS1) ELISA Kit; SORCS1; RP11-446H13.1; FLJ41758; FLJ43475; FLJ44957; SORCS receptor 1; VPS10 domain receptor SorCS; VPS10 domain receptor protein SORCS 1; SORCS1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human VPS10 domain-containing receptor SorCS1 (SORCS1) ELISA Kit has high sensitivity and excellent specificity for detection of Human SORCS1. No significant cross-reactivity or interference between Human SORCS1 and analogues was observed.
Sequence Length	1198
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human VPS10 domain-containing receptor SorCS1 (SORCS1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for SORCS1 elisa kit	Description: This Human VPS10 domain-containing receptor SorCS1 (SORCS1) ELISA Kit employs a two-site sandwich ELISA to quantitate SORCS1 in samples. An antibody specific for SORCS1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SORCS1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SORCS1 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SORCS1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: SORCS1 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. Alternatively spliced transcript variants encoding different isoforms have been identified.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	61743975
NCBI GeneID	114815
NCBI Accession #	NP_001013049.1
NCBI GenBank Nucleotide #	NP_001013049.1
UniProt Accession #	Q8WY21
NCBI Official Full Name	VPS10 domain-containing receptor SorCS1 isoform b
NCBI Official Synonym Full Names	sortilin related VPS10 domain containing receptor 1
NCBI Official Symbol	SORCS1
NCBI Official Synonym Symbols	hSorCS
NCBI Protein Information	VPS10 domain-containing receptor SorCS1
UniProt Protein Name	VPS10 domain-containing receptor SorCS1
UniProt Gene Name	SORCS1
UniProt Synonym Gene Names	SORCS; hSorCS
UniProt Entry Name	SORC1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/vps10-domain-containing-receptor-sorcs1-sorcs1/330773>