

# Product datasheet for TR309198

## SNX4 Human shRNA Plasmid Kit (Locus ID 8723)

## **Product data:**

#### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product Type:shRNA PlasmidsProduct Name:SNX4 Human shRNA Plasmid Kit (Locus ID 8723)Locus ID:8723Synonyms:ATG24BVector:pRS (TR20003)E. coli Selection:AmpicillinMammalian Cell Selection:PuromycinFormat:Retroviral plasmidsComponents:SNX4 + Human, 4 unique 29mer shRNA constructs in retroviral untagged vector(Gene ID 8 2733). Sup gurified plasmid DNA per construct 2790: Super scrambled shRNA constructs in retroviral untagged vector(Gene ID 8 8723). Sup gurified plasmid DNA per construct 290: Super scrambled shRNA constructs in pRS Vector, TR30012, included for free.RefSeq:NM 003794, NR 073435, NM 003794, 1, NM 003794, 2, NM 003794, 3, BC018762, NM 003794, AUniProt ID:095219Summary:This gene encodes a member of the sorting nexin family. Members of this family contain an phox (PX) domain, which is a phosphoniositide binling domain, and are involved in intracellular trafficking. This protein associated with the long isoform of the leptin receptor and with receptor tyrosine kinases for platel-derived growth factor, insulin, and epidermark growth factor in cell cultures, but its function is unknown. This protein may form oligomeric ompexes with family members. Two transcript variants, one protein coding and the other on-protein coding have been found for this gene. [provided by RefSeq, Nov 2012]ShRNA Design:Kes shRNA constructs were designed against multiple splice variants at this gene locus. This you need a special design or shRNA sequence, please utilize our <u>custom shRNA sequence</u>		
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### **CRIGENE** SNX4 Human shRNA Plasmid Kit (Locus ID 8723) – TR309198

Performance Guaranteed: OriGene guarantees that the sequences in the shRNA expression cassettes are verified to correspond to the target gene with 100% identity. One of the four constructs at minimum are guaranteed to produce 70% or more gene expression knock-down provided a minimum transfection efficiency of 80% is achieved. Western Blot data is recommended over qPCR to evaluate the silencing effect of the shRNA constructs 72 hrs post transfection. To properly assess knockdown, the gene expression level from the included scramble control vector must be used in comparison with the target-specific shRNA transfected samples.

For non-conforming shRNA, requests for replacement product must be made within ninety (90) days from the date of delivery of the shRNA kit. To arrange for a free replacement with newly designed constructs, please contact Technical Services at techsupport@origene.com. Please provide your data indicating the transfection efficiency and measurement of gene expression knockdown compared to the scrambled shRNA control (Western Blot data preferred).

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