Human SORT1 Knockdown Cell Lysate

Cat. No. SORT1-493HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated SORT1 Knockdown HT-1080 Cell Lysate
Species	Human
Source	HT-1080
Description	This gene encodes a member of the VPS10-related sortilin family of proteins. The encoded preproprotein is proteolytically processed by furin to generate the mature receptor. This receptor plays a role in the trafficking of different proteins to either the cell surface, or subcellular compartments such as lysosomes and endosomes. Expression levels of this gene may influence the risk of myocardial infarction in human patients. Alternative splicing results in multiple transcript variants.
Form	Cell-Tissue Lysis buffer
Molecular Mass	92 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HT-1080 cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.
Concentration	Lot-specific

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Shipping	Blue Ice
Components	1 vial of 100 µg WT HT-1080 cell lysate 1 vial of 100 µg SORT1 KD HT-1080 cell lysate
Protein Families	Druggable Genome, Transmembrane
Protein Pathways	Lysosome, Neurotrophin signaling pathway
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	SORT1 sortilin 1 [Homo sapiens (human)]
Official Symbol	SORT1
Synonyms	SORT1; sortilin 1; sortilin; Gp95; NT3; NTR3; glycoprotein 95; 100 kDa NT receptor; neurotensin receptor 3; LDLCQ6;
Gene ID	6272
mRNA Refseq	NM_001205228
Protein Refseq	NP_001192157
MIM	602458
UniProt ID	Q99523

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