

Human ADSS2 Knockdown Cell Lysate

Cat. No. ADSS2-027HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated ADSS2 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This gene encodes the enzyme adenylosuccinate synthetase which catalyzes the first committed step in the conversion of inosine monophosphate to adenosine monophosphate. A pseudogene of this gene is found on chromosome 17.
Form	Cell-Tissue Lysis buffer
Molecular Mass	50 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa 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.
Concentration	Lot-specific
Shipping	Blue Ice

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Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg ADSS2 KD HeLa cell lysate
Protein Pathways	Alanine, aspartate and glutamate metabolism, Metabolic pathways, Purine metabolism
Lysate QC	RT-qPCR; Western Blotting (WB)
GENE INFORMATION	
Gene Name	ADSS2 adenylosuccinate synthase 2 [Homo sapiens (human)]
Official Symbol	ADSS2
Synonyms	ADSS2; adenylosuccinate synthase 2; ADEH; ADSS; ADSS 2; adenylosuccinate synthetase isozyme 2; AMPSase 2; IMP--aspartate ligase 2; L-type adenylosuccinate synthetase; adenylosuccinate synthetase (Ade(-)H-complementing); adenylosuccinate synthetase, acidic isozyme; adenylosuccinate synthetase, liver isozyme; epididymis secretory sperm binding protein; EC 6.3.4.4
Gene ID	159
mRNA Refseq	NM_001126
Protein Refseq	NP_001117
MIM	103060
UniProt ID	P30520

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