

Human SPINK5 Knockdown Cell Lysate

Cat. No. SPINK5-299HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated SPINK5 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This gene encodes a multidomain serine protease inhibitor that contains 15 potential inhibitory domains. The encoded preproprotein is proteolytically processed to generate multiple protein products, which may exhibit unique activities and specificities. These proteins may play a role in skin and hair morphogenesis, as well as anti-inflammatory and antimicrobial protection of mucous epithelia. Mutations in this gene may result in Netherton syndrome, a disorder characterized by ichthyosis, defective cornification, and atopy. This gene is present in a gene cluster on chromosome 5. Alternative splicing results in multiple transcript variants.
Form	Cell-Tissue Lysis buffer
Molecular Mass	121 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 for two years.

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Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg SPINK5 KD HeLa cell lysate
Lysate QC	RT-qPCR; Western Blotting (WB)
GENE INFORMATION	
Gene Name	SPINK5 serine peptidase inhibitor, Kazal type 5 [Homo sapiens (human)]
Official Symbol	SPINK5
Synonyms	SPINK5; serine peptidase inhibitor, Kazal type 5; serine protease inhibitor, Kazal type 5; serine protease inhibitor Kazal-type 5; DKFZp686K19184; FLJ21544; FLJ97536; FLJ97596; FLJ99794; LEKTI; LETKI; lymphoepithelial Kazal type related inhibitor; NETS; NS; VAKTI; lymphoepithelial Kazal-type-related inhibitor; lympho-epithelial Kazal-type-related inhibitor;
Gene ID	11005
mRNA Refseq	NM_001127698
Protein Refseq	NP_001121170
MIM	605010
UniProt ID	Q9NQ38

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