

Human ALPI Knockdown Cell Lysate

Cat. No. ALPI-471HKCL Lot. No. (See product label)

SPECIFICATION

Product Overview	WB-validated ALPI Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	<p>There are at least four distinct but related alkaline phosphatases: intestinal, placental, placental-like, and liver/bone/kidney (tissue non-specific). The intestinal alkaline phosphatase gene encodes a digestive brush-border enzyme. This enzyme is a component of the gut mucosal defense system and is thought to function in the detoxification of lipopolysaccharide, and in the prevention of bacterial translocation in the gut.</p>
Form	Cell-Tissue Lysis buffer
Molecular Mass	57 kDa
Notes	<p>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.</p>
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 HeLa cell lysate 1 vial of 100 µg ALPI KD HeLa cell lysate
Protein Families	Druggable Genome
Protein Pathways	Folate biosynthesis, Metabolic pathways
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	ALPI alkaline phosphatase, intestinal [Homo sapiens (human)]
Official Symbol	ALPI
Synonyms	ALPI; alkaline phosphatase, intestinal; intestinal-type alkaline phosphatase; Kasahara isozyme; glycerophosphatase; alkaline phosphomonoesterase; intestinal alkaline phosphatase; IAP;
Gene ID	248
mRNA Refseq	NM_001631
Protein Refseq	NP_001622
MIM	171740
UniProt ID	P09923

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