

Human CANX Knockdown Cell Lysate

Cat. No. CANX-081HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated CANX Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This gene encodes a member of the calnexin family of molecular chaperones. The encoded protein is a calcium-binding, endoplasmic reticulum (ER)-associated protein that interacts transiently with newly synthesized N-linked glycoproteins, facilitating protein folding and assembly. It may also play a central role in the quality control of protein folding by retaining incorrectly folded protein subunits within the ER for degradation. Alternatively spliced transcript variants encoding different isoforms have been described.
Form	Cell-Tissue Lysis buffer
Molecular Mass	68 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 CANX KD HeLa cell lysate
Protein Families	Druggable Genome, Transmembrane
Protein Pathways	Antigen processing and presentation
Lysate QC	RT-qPCR; Western Blotting (WB)
GENE INFORMATION	
Gene Name	CANX calnexin [Homo sapiens (human)]
Official Symbol	CANX
Synonyms	CANX; calnexin; CNX; IP90; major histocompatibility complex class I antigen binding protein p88; P90; major histocompatibility complex class I antigen-binding protein p88; FLJ26570;
Gene ID	821
mRNA Refseq	NM_001024649
Protein Refseq	NP_001019820
MIM	114217
UniProt ID	P27824

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