

Recombinant Human CANX Protein, His-tagged

Cat. No. CANX-207H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CANX(His21-Pro481), transcript variant 2, fused with His tag at N-terminal was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	His21-Pro481
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 the same protein have been described.
Form	20mM Tris-HCl, 150mM NaCl, 2mM CaCl, 10% Glycerol, pH 7.5.
Molecular Mass	53.5 kDa
Endotoxin	< 0.1 EU per g protein as determined by LAL test
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining

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Storage	Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
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Concentration	>50 ug/mL as determined by microplate BCA method
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GENE INFORMATION

Gene Name	CANX calnexin [Homo sapiens]
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Official Symbol	CANX
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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;
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Gene ID	821
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mRNA Refseq	NM_001024649
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Protein Refseq	NP_001019820
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MIM	114217
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UniProt ID	P27824
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