

Product datasheet for **TP720461**

Calnexin (CANX) (NM_001024649) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human calnexin (CANX), transcript variant 2
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	His21-Pro481
Tag:	C-His
Predicted MW:	53.5 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Endotoxin:	< 0.1 EU per µg protein as determined by LAL test
Storage:	Store at -80°C.
Stability:	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_001019820
Locus ID:	821
UniProt ID:	P27824
Cytogenetics:	5q35.3
Synonyms:	CNX; IP90; P90
Summary:	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. [provided by RefSeq, Jun 2018]



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Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Antigen processing and presentation

Product images:

