

Recombinant Full Length Human CANX Protein, C-Flag-tagged

Cat. No. CANX-1595HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CANX Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	65.3 kDa
AA Sequence	MEGKWLLCMLLVLGTAIVEAHDGHDDDDVIDIEDDLDDVIEEVEDSKPDTTAPPSSPKV TYKAPVPTGEVY FADSFDRGTLSGWILSKAKKDDTDDEIAKYDGKWEVEEMKESKL PGDKGLVLMSRAKHHAISAKLNKPFL FDTKPLIVQYEVNFQNGIECGGAYVKLLSKT PELNLDQFHDKTPYTIFGPDKCGEDYKLHFIFRHKNP K TGIYEEKHAKRPDADLKT YFTDKKTHLYTLILNPDNSFEILVDQSVVNSGNLLNDMTPPVNPSREIEDPE DRKPE DWDERPKIPDPEAVKPDDWDEDAPAKIPDEEATKPEGWLDDEPEYVPDPDAEKPE

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

DWDEDMDGEW EAPQIANPRCESAPGCGVWQRPVIDNPNYKGKWKPPMIDNPSY
 QGIWKPRKIPNPDDFFEDLEPFRMTPFS AIGLELWSMTSDIFFDNFIICADRRIVDDWA
 NDGWGLKKAADGAAEPGVVGQMIEAAEERPWLWVVYILT VALPVFLVILFCCSGKK
 QTSGMEYKKTDAQPDPVKEEEEEKEEEKDKGDEEEEGEEKLEEKQKSDAEEDG
 GTVSQEEEDRKPKAEDEILNRSPNRKPRRETTRTRPLEQKLISEEDLAANDILDYK
 DDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Transmembrane
Protein Pathways	Antigen processing and presentation
Full Length	Full L.

GENE INFORMATION

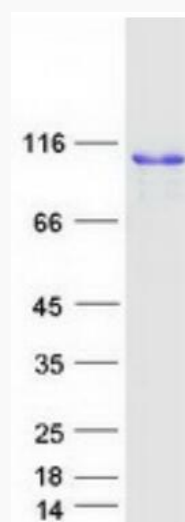
Gene Name	CANX calnexin [Homo sapiens (human)]
Official Symbol	CANX

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Synonyms	CNX; P90; IP90
Gene ID	821
mRNA Refseq	NM_001746.4
Protein Refseq	NP_001737.1
MIM	114217
UniProt ID	P27824



Coomassie blue staining of purified CNX protein.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA