

Recombinant Human CANX protein(Met1-Pro481), hFc-tagged

Cat. No. CANX-8631H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CANX (P27824) (Met1-Pro481) was expressed in HEK293, fused with the Fc region of Human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met1-Pro481
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human CANX/Fc is a disulfide-linked homodimer. The reduced monomer comprises 702 amino acids and has a predicted molecular mass of 79.4 kDa. The apparent molecular mass of the protein is approximately 110 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 85 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 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

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [CANX calnexin \[Homo sapiens \]](#)

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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