

Recombinant Human CANX Protein

Catalog #	Source	Reactivity	Applications
CRP1172	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human CANX Protein is produced by our Mammalian expression system and the target gene encoding His21-Pro481 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 µM filtered solution of 20mM Tris-HCl, 150mM NaCl, 2mM CaCl ₂ , 10% Glycerol, pH 7.5.		
Gene Symbol	CANX		
Alternative Names	Calnexin; IP90; Major histocompatibility complex class I antigen-binding protein p88; p90		
Entrez Gene	821 (Human)		
SwissProt	P27824 (Human)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	<p>HDGHDDDDVID IEDDLDDVIE EVEDSKPDTT APPSSPKVTY KAPVPTGEVY FADSFDRGTL SGWILSKAKK DDTDDEIAKY DGKWEVEEMK ESKLPGDKGL VLMSRAKHHA ISAKLNKPFL FDTKPLIVQY EVNFQNGIEC GGAYVKLLSK TPELNLDQFH DKTPYTIMFG PDKCGEDYKL HFIFRHKNPK TGIYEEKHAK RPDADLKTYF TDKKTHLYTL ILNPDNSFEI LVDQSVVNSG NLLNDMTPPV NPSREIEDPE DRKPEDWDER PKIPDPEAVK PDDWDEDAPA KIPDEEATKP EGWLDDEPEY VPDPAEKPE DWDEDMDGEW EAPQIANPRC ESAPGCGVWQ RPVIDNPNYK GKWKPPMIDN PSYQGIWKPR KIPNPDFFED LEPFRMTPFS AIGLELWSMT SDIFFDNFII CADRRIVDDW ANDGWGLKKA ADGAAEPGVV GQMIEAAEER PVDHHHHHHH</p>		
Quality Control	Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. It is recommended that the protein be		
Application key:	E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference		
Species reactivity key:	H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish		

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Product Data Sheet

aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage/Stability

Store it at -20°C to -80°C for one year.

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