

Calnexin Human Recombinant

Item Number	rAP-4439
Synonyms	Calnexin, Major histocompatibility complex class I antigen-binding protein p88, p90, IP90, CANX, CNX, FLJ26570.
Description	CANX Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 462 amino acids (21-481 a.a.) and having a molecular mass of 52.5kDa. The CANX is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P27824
Amino Acid Sequence	MHDGHDDVI DIEDDLDDVI EEVEDSKPDT TAPPSSPKVT YKAPVPTGEV YFADSFDRGT LSGWILSKAK KDDTDDEIAK YDGKWEVEEM KESKLPGDKG LVLMSRAKHH AISAKLNKPF LFDTK- PLIVQ YEVNFQNGIE CGGAYVKLLS KPELNLDQF HDKTPYTIMF GPKKCGEDYK LHFIFRHKNP KTGIYEEKHA KRPDADLKTY FTDKKTHTLYT LILNPDNSFE ILVDQSVVNS GNLLNDMTTP VNPSREIEDP EDRKPEDWDE RPKIPDPEAV KPDDWDEDAP AKIPDEEATK PEGWLDDEPE YVPDPDAEKP EDWDED- MDGE WEAPQIANPR CESAPGCGVW QRPVIDNPNY KGKWKPPMID NPSYQGIWKP RKIPNPDFFE
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The CANX protein solution contains 20mM Tris-HCl buffer (pH8.0), 1mM DTT and 20% glycerol. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**