

## Product datasheet for **AR09271PU-L**

### Calnexin (21-481) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Calnexin (21-481) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MHDGHDDDDVI DIEDDLDDVI EEVEDSKPDT TAPPSSPKVT YKAPVPTGEV YFADSFDRGT LSGWILSKAK KDDTDDEIAK YDGKWEVEEM KESKLPDGKG LVLMSRAKHH AISAKLNKPF LFDTKPLIVQ YEYVNFQNGIE CGGAYVKLLS KPELNLDQF HDKTPYTIMF GPKCKGEDYK LHFIFRHKNP KTGIEEKHA KRPDADLKY FTDKKTHTLYT LILNPDNSFE ILVDQSVNS GNLLNDMTPP VNPSREIEDP EDRKPEDWDE RPKIPDPEAV KPDDWDEDAP AKIPDEEATK PEGWLDDEPE YVPDPDAEKP EDWDEDMDGE WEAPQIANPR CESAPGCGVW QRPVIDNPNY KGKWKPPMID NPSYQGIWKP RKIPNPDFFE DLEPFRMTPF SAIGLELWSM TSDIFFDNFI ICADRRIVDD WANDGWGLKK AADGAAEPGV VGQMIEAAEE RP
Predicted MW:	52.5 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 1 mM DTT and 20% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant Calnexin protein was expressed in E.coli and purified by using conventional chromatography techniques.
Note:	(Real molecular weight on SDS-PAGE will be shift up).
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_001019820</a>
Locus ID:	821
UniProt ID:	<a href="#">P27824</a>



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**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]

**Protein Families:** Druggable Genome, Transmembrane

**Protein Pathways:** Antigen processing and presentation

### Product images:

