

Product datasheet for AR09271PU-L

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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:

LSGWILSKAK KDDTDDEIAK YDGKWEVEEM KESKLPGDKG LVLMSRAKHH AISAKLNKPF LFDTKPLIVQ YEVNFQNGIE CGGAYVKLLS KTPELNLDQF HDKTPYTIMF GPDKCGEDYK LHFIFRHKNP KTGIYEEKHA KRPDADLKTY FTDKKTHLYT LILNPDNSFE ILVDQSVVNS GNLLNDMTPP VNPSREIEDP EDRKPEDWDE RPKIPDPEAV KPDDWDEDAP AKIPDEEATK PEGWLDDEPE YVPDPDAEKP EDWDEDMDGE WEAPQIANPR CESAPGCGVW QRPVIDNPNY KGKWKPPMID NPSYQGIWKP RKIPNPDFFE DLEPFRMTPF SAIGLELWSM TSDIFFDNFI

MHDGHDDDVI DIEDDLDDVI EEVEDSKPDT TAPPSSPKVT YKAPVPTGEV YFADSFDRGT

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: NP 001019820

Locus ID: 821

UniProt ID: P27824



Calnexin (21-481) Human Protein - AR09271PU-L

Cytogenetics: 5q35.3

Synonyms: CNX; IP90; P90

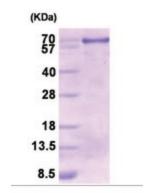
Summary: This gene encodes a member of the calnexin family of molecular chaperones. The encoded

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:



15% SDS-PAGE (3ug)