

Datasheet for ABIN666892

Calnexin Protein (CANX) (AA 21-481)[Go to Product page](#)**1** Image

Overview

| | |
|--------------------------|----------------------------|
| Quantity: | 100 µg |
| Target: | Calnexin (CANX) |
| Protein Characteristics: | AA 21-481 |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |
| Application: | SDS-PAGE (SDS) |

Product Details

| | |
|------------------|---|
| Characteristics: | Calnexin, 21-481 aa, Human, Recombinant, E.coli |
| Purity: | > 90 % by SDS - PAGE |

Target Details

| | |
|-------------------|--|
| Target: | Calnexin (CANX) |
| Alternative Name: | Calnexin (CANX Products) |

Background: Calnexin, also known as IP90, p88 and p90, is a member of the calnexin family of molecular chaperones. This 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. Recombinant Calnexin protein was expressed in E.coli and purified by using conventional chromatography

Target Details

techniques. Synonyms: CNX, IP90, P90, CANX, FLJ26570, Histocompatibility complex class I antigen binding protein p88,. NCBI no.: NP_001019820

Molecular Weight: 52.5 kDa (462aa), confirmed by MALDI-TOF. (Molecular weight on SDS-PAGE will appear higher)

Pathways: [MAPK Signaling](#), [Thyroid Hormone Synthesis](#)

Application Details

Restrictions: For Research Use only

Handling

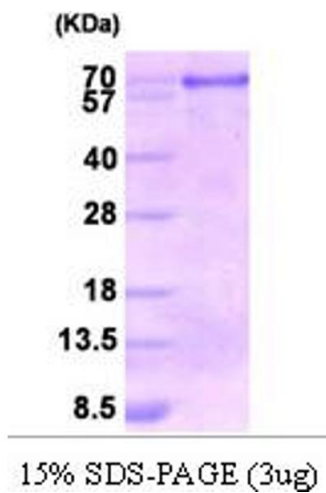
Format: Liquid

Concentration: 1 mg/ml (determined by Bradford assay)

Buffer: Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 1mM DTT and 20% glycerol

Storage: 4 °C

Images



SDS-PAGE

Image 1.